

20010614.qrp v02_n220.qrl.20010614

Date: Thu, 14 Jun 2001 19:03:09 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2220

QRP-L Digest 2220

Topics covered in this issue include:

- 1) [100014] electrolytics
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 2) [100015] NEQRP CW Net, Thursday, 14 June, 8:30 PM EDT, 3.565MHz
by Chuck Ludinsky <cjl@mitre.org>
- 3) [100016] Re: NBS Tech Note 688 online ?
by Bruce Muscolino <w6toy@erols.com>
- 4) [100017] Re: electrolytics
by "Phil (VA3UX)" <phil@vaxxine.com>
- 5) [100018] FOX - N5ET Log - Pesky Texas
by "N1LN" <n1ln@earthlink.net>
- 6) [100019] Ham Radio CD ROM available
by "Mike Czuhajewski" <wa8mcq@erols.com>
- 7) [100020] FOX - W5SB Pesky Texan Log
by "N1LN" <n1ln@earthlink.net>
- 8) [100021] Pesky Texans
by Bill Stietenroth <k5zty@juno.com>
- 9) [100022] qsl cards
by "Delbert Long" <ad6we@hotmail.com>
- 10) [100023] Re: qsl cards
by Michael Bower <bowerm@ix.netcom.com>
- 11) [100024] FOX - Pesky Texas Fox update
by "N1LN" <n1ln@earthlink.net>
- 12) [100025] Re: qsl cards
by "Mark J. Dulcey" <mark@buttery.org>
- 13) [100026] Re: qsl cards
by "Tim Billingsley KD5CKP" <kd5ckp@yahoo.com>
- 14) [100027] FOX - N1LN Pesky Texan Log
by "N1LN" <n1ln@earthlink.net>
- 15) [100028] FOX - K5ZTY Pesky Texan Log
by "N1LN" <n1ln@earthlink.net>
- 16) [100029] Re:Crystals
by guyg <guyg@bellatlantic.net>
- 17) [100030] Re: charger
by Fran Flynn <fflynn@adelphia.net>
- 18) [100031] Re: qsl cards
by Bruce Muscolino <w6toy@erols.com>
- 19) [100032] Re: Crystals

- by Bruce Muscolino <w6toy@erols.com>
- 20) [100033] Field Day idea
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 21) [100034] Making qsl card
by Drbob92031@aol.com
- 22) [100035] Re: Crystals
by Paul Mills <cybrinjn@gis.net>
- 23) [100036] Re: qsl cards
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
- 24) [100037] [OP] Alternative Power Event?
by Kenneth Hoglund <hoglund@wfu.edu>
- 25) [100038] RE: Field Day idea / portable suitcase
by Nick Kennedy <nkennedy@tcainternet.com>
- 26) [100039] MFJ / DK9SQ Mast Comparison
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 27) [100040] MH101 VFO complete and working
by "Glenn Maclean" <wa7spy@home.com>
- 28) [100041] Operating in VE land
by <igeq100@iupui.edu>
- 29) [100042] Re: Operating in VE land
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 30) [100043] RadioKit
by "John Dorson" <JDORSON@worldshare.net>
- 31) [100044] Re: qsl cards
by "Brian" <bmurrey@amexol.net>
- 32) [100045] Re: qsl cards
by Curt Milton <wb8yyy@yahoo.com>
- 33) [100046] Re: Operating in VE land
by "Phil (VA3UX)" <phil@vaxxine.com>
- 34) [100047] Re: RadioKit
by "Phil (VA3UX)" <phil@vaxxine.com>
- 35) [100048] RE: Field Day idea / portable suitcase
by Vance Huntsinger <vhuntsinger@iwic.net>
- 36) [100049] Re: Field Day idea / portable suitcase
by <brownh@hartford-hwp.com>
- 37) [100050] Re: qsl cards
by Curt Milton <wb8yyy@yahoo.com>
- 38) [100051] Re: [OP] Alternative Power Event?
by Vance Huntsinger <vhuntsinger@iwic.net>
- 39) [100052] Lost the e-mail
by ed.kwik@delphiauto.com
- 40) [100053] Re: qsl cards
by "Brian" <bmurrey@amexol.net>
- 41) [100054] Re: portable suitcase
by "Kevin Asato" <kevin.k.asato@worldnet.att.net>
- 42) [100055] Suppression of Even Harmonics
by "Conant, Paul" <paul.conant@lmco.com>
- 43) [100056] Re: qsl cards

by "Mike Yetsko" <myetsko@insydesw.com>
44) [100057] Re: Field Day idea / portable suitcase
by Louis Hlousek <lhlousek@nvhbell.net>
45) [100058] RE: Wars and Capacitors
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
46) [100059] FDIM-2001 A Classic Event
by "w8diz" <w8diz@fpqrp.com>
47) [100060] Re: qsl cards
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
48) [100061] Re: Wars and Capacitors
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
49) [100062] Re: qsl cards
by "Ingo DK3RED" <dk3red@t-online.de>
50) [100063] Any contests this weekend?
by Gary Slagel <gdslagel@yahoo.com>
51) [100064] Re: Field Day idea / portable suitcase
by "Mike Yetsko" <myetsko@insydesw.com>
52) [100065] Re: Field Day idea / portable suitcase
by Frank Brickle <brickle@pobox.com>
53) [100066] Re: FDIM-2001 A Classic Event
by "Brian" <bmurrey@amexol.net>
54) [100067] For Sale
by "Joe Spencer" <kk5na@quadj.com>
55) [100068] Re: Field Day idea / portable suitcase
by Bruce Muscolino <w6toy@erols.com>
56) [100069] Re: qsl cards
by "David Porter" <aa3ur@home.com>
57) [100070] Re: Field Day idea / portable suitcase
by "David Porter" <aa3ur@home.com>
58) [100071] Re: Suppression of Even Harmonics
by Bruce Muscolino <w6toy@erols.com>
59) [100072] Re: qsl cards
by Bruce Muscolino <w6toy@erols.com>
60) [100073] Re: Field Day idea / portable suitcase
by "Mike Yetsko" <myetsko@insydesw.com>
61) [100074] Re: qsl cards
by "Johnny (KM5IM)" <km5im@telepath.com>
62) [100075] Re: Any contests this weekend?
by "Joe Spencer" <kk5na@quadj.com>
63) [100076] SSB reception and old ears
by David Shalita <davidr@cnmnetwork.com>
64) [100077] Balun - How to test?
by Brian Kassel <bkassel@dancris.com>
65) [100078] Operating in VE land - thanks
by <igeq100@iupui.edu>
66) [100079] RE: Suppression of Even Harmonics
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
67) [100080] Re: Balun - How to test?

- by "Leon Heller" <leon_heller@hotmail.com>
- 68) [100081] Re: [Elecraft] Field Day idea
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 69) [100082] Re: SSB reception and old ears
by Louis Hlousek <lhhousek@nvtbell.net>
- 70) [100083] Re: Suppression of Even Harmonics
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 71) [100084] Re: Operating in VE land - thanks
by Louis Hlousek <lhhousek@nvtbell.net>
- 72) [100085] Re: Balun - How to test?
by "Ingo DK3RED" <dk3red@t-online.de>
- 73) [100086] Re: Operating in VE land
by Bruce Rattray <rattray@gpfn.sk.ca>
- 74) [100087] 40 Meter SSB Activity
by Tim ORourke <TORourke@KaiserFT.com>
- 75) [100088] Re: qsl cards
by Jim Lowman <jmlowman@ix.netcom.com>
- 76) [100089] Re: Operating in VE land
by "Karl B. Staddon" <ve6kbs@agt.net>
- 77) [100090] Re: qsl cards - authentication
by Curt Milton <wb8yyy@yahoo.com>
- 78) [100091] Homebrew 40m xceiver finished
by Ed Kessler <edkess@pa.net>
- 79) [100092] Re: SSB reception and old ears
by "George, W5YR" <w5yr@att.net>
- 80) [100093] Japan from /M this morning!
by "jkdougher" <jkdougher@wt.net>
- 81) [100094] Re: Suppression of Even Harmonics
by "George, W5YR" <w5yr@att.net>
- 82) [100095] All Asian CW contest
by "Jim" <sunwatt@starband.net>
- 83) [100096] Re: Japan from /M this morning!
by Scott Galloway <scott@mcgeorgecarco.com>
- 84) [100097] Re: [fpqrp] FDIIM-2001 A Classic Event
by Tom Isgro <k8cz@concentric.net>
- 85) [100098] Re: Suppression of Even Harmonics
by "Bob Tellefsen" <n6wg@earthlink.net>
- 86) [100099] Re: [fpqrp] FDIIM-2001 A Classic Event
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
- 87) [100100] RE: All Asian CW contest
by "Martin Sole" <martinsole@compuserve.com>
- 88) [100101] Yaesu FT-817
by "James P. Rybak" <jrybak@mesastate.edu>
- 89) [100102] Re: Any contests this weekend?
by Garie Halstead <k8kfj@ntelos.net>
- 90) [100103] Re: Suppression of Even Harmonics
by Bruce Muscolino <w6toy@erols.com>
- 91) [100104] Re: SSB reception and old ears

by "ZOOM" <kandrparker@sympatico.ca>
92) [100105] Re: qsl cards - authentication
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
93) [100106] Re: All Asian CW contest
by "Jim" <sunwatt@starband.net>
94) [100107] FT 847...
by "Stephane Collas" <Stephane.Collas@wanadoo.fr>
95) [100108] CW keyer and key FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
96) [100109] Re WA2HOQ antennas :(
by RangerSF5@aol.com
97) [100110] JA6PA QRP QSOS
by NM5Mike@aol.com
98) [100111] Re: Field Day idea / portable suitcase
by "Bob Hightower" <nk7m@extremezone.com>
99) [100112] Re: Field Day idea / portable suitcase
by "George, W5YR" <w5yr@att.net>
100) [100113] Re: FT 847...
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
101) [100114] Re: Balun - How to test?
by RLemmel@aol.com
102) [100115] Regarding my QSL question
by "Delbert Long" <ad6we@hotmail.com>
103) [100116] Re: qsl cards
by Larry Cahoon <lejek@erols.com>
104) [100117] Re: qsl cards - authentication
by Larry Cahoon <lejek@erols.com>
105) [100118] Re: Any contests this weekend?
by "Howard Kraus" <K2UD@adelphia.net>
106) [100119] Appalachian Trail Hike in PA
by "Ron Polityka" <wb3aal@fast.net>
107) [100120] Re: JA6PA QRP QSOS
by "Ingo DK3RED" <dk3red@t-online.de>
108) [100121] JunkBoxWars! - What You Need To Bring
by Brian Kassel <bkassel@dancris.com>
109) [100122] Case lust
by Louis Hlousek <lhlousek@nvhbell.net>
110) [100123] Online cable loss calculators
by Beth Gardner / Dan Maguire <BethDan@pacbell.net>
111) [100124] More ideas on alternative power event
by Goemans <jgoemans@facstaff.wisc.edu>
112) [100125] Re: Field Day idea / portable suitcase
by "Tom Dooley" <tdooley@atl.mediaone.net>

Date: Wed, 13 Jun 2001 18:27:49 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: <dsirait@centrin.net.id>
Cc: <qrp-1@Lehigh.EDU>
Subject: [100014] electrolytics
Message-ID: <00d301c0f460\$760d1320\$4e100a0a@rohredt2000>

Selamat Tengah Hari, Donny! and the group!

(Good Afternoon)

Electrolytics of the aluminum type are the ones to go bad over time from drying out of the electrolyte. The rubber end seals will crack or pop open, and small amount of chemical leakage can be seen on that end. or near the seal vent, which is the small hole in some at the insulator. This is a white powdery substance.

Exposure to high humidity and heat of the tropics seems to accelerate the demise of these. Also, if voltage peaks reach the rating of the cap, they do not last as long as lower voltages being applied. Pressue build up in electrolytics comes about when the drying happens.

Epoxy tantalums almost always short and turn brown from overheating when they fail, but some can fail open, or show no heating discoloration.

Military grade metal can tantalums usually last indefinitely. They can short and reheal, if left out of circuit!

Hope this helps. I would say you could measure ripple voltage increase well before the electrolytic fails, and thus do not have to change out all old ones, just any with large AC ripple voltage on the DC output. (greater than original).

GL and Vy 73/72!
Jumpa Lagi (See you later)

Selamat Jalan!

Stuart K5KVH, ex 9M2SM

Date: Wed, 13 Jun 2001 19:44:40 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [100015] NEQRP CW Net, Thursday, 14 June, 8:30 PM EDT, 3.565MHz
Message-ID: <3B27FAE8.B76E3073@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 14 June 2001, at 8:30 PM EDT (0030Z, 15 June 01) on or near 3.565 MHz. Net control operator for this week's 80M session will be Dennis, K1LGQ, operating from Brookline, NH.

Net control op for last week's session was John, WB1HBE, operating from Chelmsford, MA. John reports:

"It was a good net with fb signals. The following were qni's:

W1FMR	Jim	Salem, NH	569
K1CL	Chuck	Chelmsford, MA	599
AA1MY	Seab	Bethel, ME	599
KA3WMJ	Ken	Erwinna, PA	579
K1CWZ	Spi	Nashua, NH	589
KD1YV	Jim	Bethel, CT	599
WB1HBE	John	Chelmsford, MA	NCS

Thank you all for checking in and making this a fun and successful net. Please keep in mind the next NE QRP Club meeting planned for 4 August in Newington, CT."

Stop by Thursday night, say hello to everyone on the net. Dennis may have a few additional words to say about the August NEQRP meeting at ARRL HQ.

72 DE K1CL,
Chuck.

Date: Wed, 13 Jun 2001 19:15:38 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: lewise@txwises.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [100016] Re: NBS Tech Note 688 online ?
Message-ID: <3B27F41A.31E06602@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry,

I presume you have gone to the NBS web site and done a search? If it isn't there it probably isn't any longer!

 Date: Wed, 13 Jun 2001 20:08:42 -0400
 From: "Phil (VA3UX)" <phil@vaxxine.com>
 To: qrp-1@Lehigh.EDU
 Subject: [100017] Re: electrolytics
 Message-ID: <5.0.2.1.0.20010613200437.009ee2b0@vaxxine.com>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:27 PM 6/13/2001 -0500, Stuart Rohre wrote:

>Selamat Tengah Hari, Donny! and the group!

>

>(Good Afternoon)

>

>Electrolytics of the aluminum type are the ones to go bad over time from
 >drying out of the electrolyte. The rubber end seals will crack or pop open,
 >and small amount of chemical leakage can be seen on that end. or near the
 >seal vent, which is the small hole in some at the insulator. This is a
 >white powdery substance.

In spite of this, I've just reformed eight 210 MF/450V capacitors from a
 power supply that is 20 years old. The supply hasn't been plugged in for
 nearly 10 years. All caps reformed successfully : leakage current was
 under 200 micro-amps on all eight; max spec leakage current is 1.8 ma. I
 mention this only to point out that because they're aluminum electrolytics
 AND they're old, does not automatically mean they're toast.

Phil

>Exposure to high humidity and heat of the tropics seems to accelerate the
 >demise of these. Also, if voltage peaks reach the rating of the cap, they
 >do not last as long as lower voltages being applied. Pressure build up in
 >electrolytics comes about when the drying happens.

>

>Epoxy tantalums almost always short and turn brown from overheating when
 >they fail, but some can fail open, or show no heating discoloration.

>

>Military grade metal can tantalums usually last indefinitely. They can
 >short and reheat, if left out of circuit!

>

>Hope this helps. I would say you could measure ripple voltage increase well
 >before the electrolytic fails, and thus do not have to change out all old

>ones, just any with large AC ripple voltage on the DC output. (greater than
>original).

>

>GL and Vy 73/72!

>Jumpa Lagi (See you later)

>

>Selamat Jalan!

>

>Stuart K5KVH, ex 9M2SM

Date: Wed, 13 Jun 2001 19:40:46 -0500

From: "N1LN" <n1ln@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [100018] FOX - N5ET Log - Pesky Texas

Message-ID: <01a701c0f46a\$a79d79c0\$7a2bfea9@im02>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

If any corrections please send to Bruce - N1LN@arrl.net

Q's with other Fox stations have been removed

TIME CALL STATE NAME POWER

0132 K50T GA LARRY 5W

0133 N1EV NY BARRY 5W

0136 K5JHF TX BILL 5W

0139 K5BGB TX ROD 5W

0141 K4MUF FL GARY 2W

0142 K5PSH TX JERRY 5W

0146 KQ5U TX TERRY 5W

0147 W5YR TX GEORGE 5W

0154 W8RU MI RON 2W

0155 KA3WMJ PA KEN 3W

0157 W0SDG MO STEVE 5W

0159 K5JHP TX BILL 5W

0203 W5JAY AR JAY 5W

0204 K8CY MI WALT 5W

0206 AE9K WI BRIAN 5W

0207 W8DN OH MIKE 5W

0212 NV4Y KY PETE 5W

0213 WA5REJ TX ALLEN 5W

0223 K4BAI GA JOHN 5W
0225 N1TP FL TOM 5W
0227 K5DJ TX DON 5W
0247 N0AR MN SCOTT 4W
0249 KI0II CO RON 5W
0252 N5IB LA JIM 5W
0320 AA6RF CA BOB 5W
0323 W5TD TX TOM 5W
0325 N8VAR OH RON 2W
0327 AF4PP GA CHUCK 90MW

Date: Wed, 13 Jun 2001 20:43:47 -0400
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: "QRP forum" <qrp-l@lehigh.edu>
Cc: "Mike Czuhajewski" <wa8mcq@erols.com>
Subject: [100019] Ham Radio CD ROM available
Message-ID: <000301c0f46b\$12db16c0\$5ab0db26@MCzuhajewski.EVI-INC.COM>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Forgive me if someone has already mentioned this. I don't remember seeing it yet, although I did miss some of the digests in the last month. And if it has been mentioned already, it's definitely worth repeating since a lot of us have been looking forward to this for some time.

Several months ago there was some talk that ARRL was going to be doing a CD ROM set of Ham Radio, in conjunction with CQ, and I believe the target date was around May of this year. Well, it's here; it's listed on the ARRL web site, www.arrl.org. Look in the section titled ARRL Products: What's New, then scroll down a bit. It isn't cheap, but it IS available! For those who have only dreamed about having a complete collection of this legendary, outstanding technical magazine, here's your chance at last! (It comes in 3 sets, at about \$60 each.)

For those not familiar with it, Ham Radio was a monthly magazine started by Jim Fisk, W1DTY (I believe) and it ran from 1968 to 1990. It was a technical magazine and nothing else, and had some really great technical articles over the years. For those who remember Communications Quarterly, imagine the same thing but monthly :-). Or the new, improved QEX (after they put it on steroids and went to every other month), but bigger and monthly.

Now comes the hard part--deciding whether to plunk down all that money or keep my huge stack of old HR magazines. That's about \$150 for the entire

batch, which includes a \$30 discount for getting all 3 at once, but it sure would be nice to free up quite a few feet of shelf space :-)

73 and queue our pea DE WA8MCQ

Date: Wed, 13 Jun 2001 19:47:01 -0500
From: "N1LN" <n1ln@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100020] FOX - W5SB Pesky Texan Log
Message-ID: <01c601c0f46b\$870e1920\$7a2bfea9@im02>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

If you have any corrections please send to: n1ln@arrl.net

Q's with other Fox stations have been removed.

Band	Date	Time	QSO#	Call	worked	Sent	Rcvd	Name	Qth		
Pts	----	----	----	-----	-----	----	----	----	---	-	
40CW	13-Jun-01	01:45	1	K5JHP		55N	55N	BILL	5W	TX	1
40CW	13-Jun-01	01:51	2	K4GT		55N	55N	JIM	5W	GA	1
40CW	13-Jun-01	01:53	3	N1EU		55N	55N	BARRY	5W	NY	1
40CW	13-Jun-01	01:56	4	KQ5U		55N	55N	TERRY	5W	TX	1
40CW	13-Jun-01	01:57	5	K4MF		55N	55N	LARRY	2W	FLA	1
40CW	13-Jun-01	01:59	6	WA5REJ		55N	55N	ALLEN	5W	TX	1
40CW	13-Jun-01	02:00	7	W5YR		55N	55N	GEORGE	5W	TX	1
40CW	13-Jun-01	02:02	8	K5OT		55N	55N	LARRY	200MW	GA	1
40CW	13-Jun-01	02:03	9	W8RU		55N	55N	NORM	5W	MI	1
40CW	13-Jun-01	02:04	10	KA3WMJ		55N	55N	KEN	3W	PA	1
40CW	13-Jun-01	02:07	11	K4BAI		55N	55N	JOHN	5W	GA	1
40CW	13-Jun-01	02:09	12	K5BGB		55N	55N	ROD	5W	TX	1
40CW	13-Jun-01	02:10	13	N5IW		55N	55N	DAVE	5W	TX	1
40CW	13-Jun-01	02:12	14	K5PSH		55N	55N	JERRY	500MW	TX	1
40CW	13-Jun-01	02:13	15	N8VAR		55N	55N	RON	2W	OH	1
40CW	13-Jun-01	02:16	16	W0SDG		55N	55N	STEVE	4W	MN	1
40CW	13-Jun-01	02:19	17	K5GQ/M		55N	55N	MARK	5W	TX	1
40CW	13-Jun-01	02:22	18	NV4V		55N	55N	PETE	5W	KY	1
40CW	13-Jun-01	02:30	19	KI0II		55N	55N	DON	5W	CO	1
40CW	13-Jun-01	02:42	20	K5DW		55N	55N	DON	2W	TX	1

40CW	13-Jun-01	02:45	21	N1TP	55N	55N TOM	5W	FLA	1
40CW	13-Jun-01	02:49	22	N3YSI	55N	55N PAUL	5W	PA	1
40CW	13-Jun-01	02:55	23	W5JAY	55N	55N JAY	5W	AR	1
40CW	13-Jun-01	03:02	24	KD5BAJ	55N	55N BOB	5W	TX	1
40CW	13-Jun-01	03:08	25	W5TD	55N	55N TOM	5W	TX	1
40CW	13-Jun-01	03:09	26	N5IB	55N	55N JIM	5W	TX	1
40CW	13-Jun-01	03:12	27	AF4PS	55N	55N MARK	5W	FLA	1
40CW	13-Jun-01	03:28	28	VA6RF	55N	55N EARL	5W	AB	1

Date: Wed, 13 Jun 2001 19:52:07 -0500
 From: Bill Stietenroth <k5zty@juno.com>
 To: qrp-l@lehigh.edu
 Subject: [100021] Pesky Texans
 Message-ID: <20010613.200501.-3871767.8.k5zty@juno.com>
 MIME-Version: 1.0
 Content-Type: text/plain
 Content-Transfer-Encoding: 7bit

After getting off to a late start and calling CQ the first time with 200w (woops) on my FT1000D, things started flowing although slow. My first Q was with K5JHP at 0:145. 32 Q's and 2 hours later my last contact was VA6RF, that took some doing to pull him out of the noise. I found the band generally short. 18 of my contacts were TX or AR. No 6's, or 7's and just one C0. Had to do some creative listneing to pull out Tom N1TP who is generally very loud from Fla. Call sign recognition helped a lot in some cases. All in all the 2 hours went pretty fast. My neighbor K10J, decided to run 100mw, so I didn't have to deal with him in my pass band all night as I usually do. WA50JE and I bumped heads a few times. Thanks to Bruce for getting this together. I thought it was pretty successful considering the negative publicity and band conditions.

I had 33 raw Q's and 5 invalid (Foxes) for 28 total.

I used my FT1000D at 5W
 Force 12 C4XL with 2 elements on 40 at 115'
 Forty meter square loop at about 60-70'. The loop heard better than the

beam in
some cases.
TR Log..
Hopefully there will be a next time.

Bill W5SB
reply w5sb@arrl.net

>

Date: Thu, 14 Jun 2001 01:09:19 -0000
From: "Delbert Long" <ad6we@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [100022] qsl cards
Message-ID: <F225YluLCTaogxLDp7m00003c3d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Been trying to get some qsl cards designed and read something about cards
printed on laser printers or photocopiers not being acceptable because they
are too easy to forge. Any comments? Do they need to be commercially
printed in order to be "legal?"

Thanks...Del, AD6WE

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Wed, 13 Jun 2001 21:22:02 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100023] Re: qsl cards
Message-ID: <3B2811BA.EDB25651@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Forged? Would anybody really do that?

Seriously, what makes them any easier to forge? Yes, I could make up a
bunch of individual cards and print them on the laser printer. Heck, I

could have DXCC in just a few hours and never get on the air. But if they are made illegal and if someone really wants to get an award that bad, then they'll figure out a way around that legality as well. I certainly hope this isn't true.

Besides, I've seen output from newer printers that would be hard to tell from a forgery in this case.

Michael N4NMR

Delbert Long wrote:

>
> Been trying to get some qsl cards designed and read something about cards
> printed on laser printers or photocopiers not being acceptable because they
> are too easy to forge. Any comments? Do they need to be commercially
> printed in order to be "legal?"
>
> Thanks...Del, AD6WE
>
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com>

--

73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Wed, 13 Jun 2001 20:31:12 -0500
From: "N1LN" <n1ln@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100024] FOX - Pesky Texas Fox update
Message-ID: <027c01c0f471\$b4e59340\$7a2bfea9@im02>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

First - let me start out with a BIG THANK YOU to all hounds that participated and were successful or tried to work the Pesky Texans through that 40 meter QRN. I have received emails suggesting we may have been on 160 meters conditions were so bad. Here in Conroe I had a noise level from S7 to S9.

Second - another BIG THANK YOU to the Foxes. I am VERY pleased to report that we had 100% participation from all Foxes. For you hounds - the Calls /

names
are listed below.

The logs will all be posted in the next few days either by the Fox or by me
after I
receive them in my email account. Mine will be posted as soon as I get
through
some of the other logs that I have in my in-box.

Final " 21 " Foxes

N5TW - Tom
K5NZ - Mike
K10J - OJ
WA50JE - Danny
N5ET - Bob
W5HNS - Henry
W5PF - Paul
N5TU - Earl
AF5Z - Bob
W5TB - Doc
W5USJ - Chuck
K5LN - Bill
WF5W - Cal
K5ZTY - Bill
W5SB - Bill
KK5LD - Dan
W5MJ - Madison
NM5M - Eric
KG5U - Dale
AD5Q - Roy
N1LN - Bruce

If you hounds want certificates... don't forget to send your \$ 1.00 and SASE
to my home address - OK on QRZ or Buckmasters.

- > Worked all FOXES if you worked all 21
- > Participation Certificate if you worked 15 or more

72 - and thanks again to all that participated ! ! ! !

Bruce

Date: Wed, 13 Jun 2001 21:40:41 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: bowerm@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100025] Re: qsl cards
Message-ID: <3B281619.23D7A115@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael Bower wrote:

>
> > Been trying to get some qsl cards designed and read something about cards
> > printed on laser printers or photocopiers not being acceptable because they
> > are too easy to forge. Any comments? Do they need to be commercially
> > printed in order to be "legal?"
>
> Forged? Would anybody really do that?
>
> Seriously, what makes them any easier to forge? Yes, I could make up a
> bunch of individual cards and print them on the laser printer. Heck, I
> could have DXCC in just a few hours and never get on the air. But if
> they are made illegal and if someone really wants to get an award that
> bad, then they'll figure out a way around that legality as well. I
> certainly hope this isn't true.
>
> Besides, I've seen output from newer printers that would be hard to tell
> from a forgery in this case.

The relevant section of the DXCC rules:

Written proof (i.e., QSL cards) of two-way communication (contacts) may be submitted directly to ARRL Headquarters for all DXCC credits claimed. Photocopies and electronically transmitted confirmations (including, but not limited to fax, telex and telegram) are not currently acceptable for DXCC purposes.

They do not have any exclusion of laser or inkjet cards; those appear to be legal. Photocopies are excluded, but I think the intent is to prohibit the submission of copies of cards rather than originals; a base card reproduced on a copier, but with handwritten contact information, would probably be legal.

eQSL cards are also currently illegal, but I have heard that the League

is studying that issue. I expect to see some form of permissible electronic confirmation within a year or so, though it may not be the current eQSL system.

Date: Wed, 13 Jun 2001 20:58:04 -0500
From: "Tim Billingsley KD5CKP" <kd5ckp@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [100026] Re: qsl cards
Message-ID: <00b201c0f475\$7cee0ae0\$c2562126@kd5ckpp2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The technology is in place now that if someone wanted to badly enough they could recreate everything right down to the postage marks on the cards and the hand written information about the QSO and print it all via laser printer ... the same argument exist about eQSLs.

What justifies a legal card handdrawn on a post card purchased from the post office?

Given time and the right card stock that could probably be reproduced as well...

----- Original Message -----

From: "Michael Bower" <bowerm@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, June 13, 2001 8:22 PM
Subject: Re: qsl cards

>
> Forged? Would anybody really do that?
>
> Seriously, what makes them any easier to forge? Yes, I could make up a
> bunch of individual cards and print them on the laser printer.
Heck, I
> could have DXCC in just a few hours and never get on the air. But if
> they are made illegal and if someone really wants to get an award that
> bad, then they'll figure out a way around that legality as well.
I

> certainly hope this isn't true.
>
> Besides, I've seen output from newer printers that would be hard
to tell
> from a forgery in this case.
>
> Michael N4NMR
>
>
> Delbert Long wrote:
> >
> > Been trying to get some qsl cards designed and read something
about cards
> > printed on laser printers or photocopiers not being acceptable
because they
> > are too easy to forge. Any comments? Do they need to be
commercially
> > printed in order to be "legal?"
> >
> > Thanks...Del, AD6WE
> >

> > Get your FREE download of MSN Explorer at
<http://explorer.msn.com>

>
> --
> 73 de N4NMR
> Michael Bower
> Ashburn, VA (near Washington, D.C.)

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 13 Jun 2001 20:58:45 -0500
From: "N1LN" <n1ln@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100027] FOX - N1LN Pesky Texan Log
Message-ID: <029e01c0f475\$8c1f8200\$7a2bfea9@im02>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Thanks to all the Hounds - once again, especially to the Hams from California that were able to make it into my log ! ! ! I told you I would swing the beam NW after California dark time... "IT WORKED".

Please send your corrections to: n1ln@arrl.net

Rig: FT1000-MP @ 5w
Ant: XM240 2 ele Yagi at 115'

SEQ	DATE	TIME	FREQ	CALL	RST STATE	NAME	POWER
1	2001-06-13	0132	7036	K5BGB	559 TX	ROD	5w
2		0133	7036	K4BAI	559 GA	JOHN	5w
3		0134	7036	K4GT	559 GA	JIM	5w
4		0135	7036	K4MF	559 FL	GARY	2w
5		0139	7036	W3ERU	559 MD	WES	5w
6		0143	7036	K50T	559 GA	LARRY	20w
7		0144	7036	N1TP	559 FL	TOM	5w
8		0146	7036	KA3WMJ	559 PA	KEN	5w
9		0147	7036	W8RU	559 MI	RON	5w
10		0148	7036	WA5REJ	559 TX	ALLEN	5w
11		0149	7036	W5YR	559 TX	GEORGE	5w
12		0150	7036	K5PSH	559 TX	JERRY	500mw
13		0153	7036	N8VAR	339 OH	RON	2w
14		0206	7036	K5JHP	559 TX	BILL	5w
15		0208	7036	W5JAY	559 AR	JAY	5w
16		0220	7036	NV4V	559 KY	PETE	5w
17		0221	7036	K3NG	559 PA	GOOD	5w
18		0238	7052	W0SDG	559 MN	STEVE	4w
19		0246	7052	VA6RF	559 AB	EARL	5w
20		0308	7051	KD5BAJ	559 TX	BOB	2w
21D		0316	7052	N1TP	579 FL	TOM	5w
22		0324	7052	AD6JV	559 CA	BILL	5w
23		0330	7052	WK6I	559 CA	JEFF	5w

72 - until next time

Bruce

Date: Wed, 13 Jun 2001 21:04:40 -0500
From: "N1LN" <n1ln@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Subject: [100028] FOX - K5ZTY Pesky Texan Log
 Message-ID: <02d601c0f476\$5fd6ba00\$7a2bfea9@im02>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="Windows-1252"
 Content-Transfer-Encoding: 7bit

The following log is for K5ZTY - with all Q's with a Fox removed.

Any corrections please send to: n1ln@arrl.net

Band Pts	Date	Time	QSO#	Call worked	Sent	Rcvd	Name	Qth
----	----	----	----	-----	----	----	----	----
--								
40CW 1	13-Jun-01	01:46	1	K5JHP	559	559	BILL 5W	TX *
40CW 1	13-Jun-01	01:56	2	W5YR	559	559	GEORGE 5W	TX
40CW 1	13-Jun-01	01:57	3	K5GQ/M	559	559	MARK 5W	TX
40CW 1	13-Jun-01	01:59	4	W5JAY	559	599	JAY 5W	AR *
40CW 1	13-Jun-01	02:01	5	K4BAI	559	599	JOHN 5W	GA *
40CW 5	13-Jun-01	02:02	6	K50T	559	559	LARRY 200MW	GA
40CW 1	13-Jun-01	02:05	7	K4GT	559	559	JIM 5W	GA
40CW 1	13-Jun-01	02:08	8	KA3WMJ	559	559	KEN 3W	PA *
40CW 1	13-Jun-01	02:09	9	KQ5U	559	559	TERRY 5W	TX
40CW 1	13-Jun-01	02:11	10	WA5REJ	559	559	ALLEN 5W	TX
40CW 1	13-Jun-01	02:11	11	W8RU	559	559	RON 5W	MI *
40CW 1	13-Jun-01	02:12	12	K8CV	559	559	WALT 5W	MI
40CW 1	13-Jun-01	02:18	13	W8DN	559	559	MIKE 5W	OH *
40CW 3	13-Jun-01	02:19	14	K4MF	559	559	GARY 2W	FL *
40CW	13-Jun-01	02:21	15	N1TP	559	559	TOM 5W	FL

1
40CW 13-Jun-01 02:24 16 K5BGB 559 559 ROD 5W TX
1
40CW 13-Jun-01 02:31 17 K5DW 559 559 DON 5W TX
1
40CW 13-Jun-01 02:34 18 NV4V 559 599 PETE 5W KY *
1
40CW 13-Jun-01 02:39 19 K5PSH 559 559 JERRY 500MW TX
5
40CW 13-Jun-01 02:43 20 AF4P 559 579 MAC 3W FL
1

40CW 13-Jun-01 03:00 21 W0SDM 559 559 STEVE 4W MN *
1
40CW 13-Jun-01 03:10 22 K5LG/M 559 559 LES 2W AR
3
40CW 13-Jun-01 03:12 23 KR5C 559 559 GEORGE 5W TX
1
40CW 13-Jun-01 03:16 24 N8VAR 559 559 RON 2W OH
3
40CW 13-Jun-01 03:19 25 W5TD 559 579 TOM 5W TX
1
40CW 13-Jun-01 03:25 26 KI0II 559 559 RON 5W CO *
1
40CW 13-Jun-01 03:26 27 N5IB 559 559 JIM 5W LA *
1

Date: Wed, 13 Jun 2001 22:17:19 -0400
From: guyg <guyg@bellatlantic.net>
To: qrp-l@Lehigh.EDU
Subject: [100029] Re:Crystals
Message-ID: <3B281EAF.C5471896@bellatlantic.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to the qrp-l group,
I just purchased some circuit boards for some small transmitters and a transceiver from Far circuits .I would like to know if anyone has crystals or could tell me where to buy some.40m,20m,30m,80m qrp frequencies .73 guy kb3ckw

Date: Wed, 13 Jun 2001 22:17:39 -0400
From: Fran Flynn <fflynn@adelphia.net>
To: Tom Russo <russo@bogoflux.losalamos.nm.us>, qrp-1 Discussion <qrp-1@Lehigh.EDU>
Subject: [100030] Re: charger
Message-ID: <3B281EC3.6EA29DBA@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The reason I put the 7808 in there was to lower the voltage drop across the LM317, with it there it runs cooler, but the power transistors run hotter because they are not being switched into full saturation. In other words, there is no particular reason that it must be an 8 volt regulator, I just happen to have some. You can put the full input voltage to the 555 if you want to, it'll just make the LM317 run hotter because the voltage drop across it is greater, but it runs so hot that I'm afraid it might fail.

A higher power supply voltage to the 555 equals a higher voltage square wave being generated by it. I used the 7808 to bring the square wave amplitude down, I didn't need or want 24 volts DC going to the LM317, 18 volts or so would do fine.

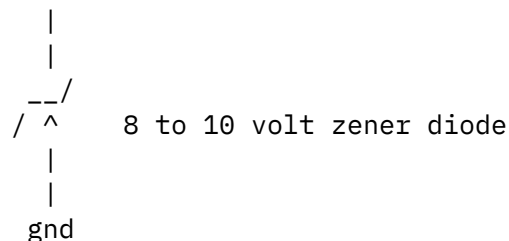
If you have a 7809 or 7812 it will work, or you can use a zener diode and resistor to feed the 555 about 8 to 10 volts. It's not too critical. If you had a 9v zener and a 100 ohm resistor, you could use that to drop the voltage to the oscillator. I may even simplify it further to just use a resistor in place of the 7808. Maybe regulation is not needed, there's already one regulator.

You've given me an idea to improve the circuit by simplifying it, thanks! I'll have to look at to see if that will work.

You can use something like this in place of the 7808:

11-15 v in 100 ohm resistor 8 to 10 volts out

-----/\\/-----



Thanks for your interest in this, two heads are better than one!

I think Radiosnack has 9 volt zeners.

Tom Russo wrote:

>
> Thanks, Fran. I went to the electronics surplus place today and picked up
> all the pieces parts for this thing. I think I'm going to try to put it t
> together with point-to-point wiring on perfboard. One thing I had trouble
> finding was a 7808 --- even Radio Shack didn't have them. I need to see if
> I can find a substitute. I'll let you know how it turns out. Thanks for
> posting the website. I'm excited to have another little distraction to keep
> me away from housework!
>
> Take care,
> T.
> --
> Tom Russo KM5VY QRPL #1592 K2#398 <http://www.swcp.com/~russo/>
> Tijeras, NM DM64ux SOC #236 ICQ#97201722 <http://www.qsl.net/~km5vy/>
> "We shall not grow wiser before we learn that much that we have
> done was very foolish." -- F. A. Hayek

Date: Wed, 13 Jun 2001 22:23:20 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ad6we@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100031] Re: qsl cards
Message-ID: <3B282018.6915EA9E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Delbert,

QSL cards are not money, though they sometimes cost like that! There is no reason to have such a unique design that it can't be copied. For what it's worth, you can get samples from the card printers and send them out if you want! Stop worrying. Design your card as a reflection of your personality. Either use a laser printer, an ink jet, or have them printed by a printer, and stop worrying! BTW, laser printers and ink jets raise your cost for the cards. A printer is MUCH cheaper!

73

Date: Wed, 13 Jun 2001 22:27:44 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: guyg@bellatlantic.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100032] Re: Crystals
Message-ID: <3B282120.153ACBE6@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guy,

As far as I know crystals are only available for 40 and 30 meters. The rest were once available but I don't think anyone keeps a stock. Some of the area QRP clubs may have some. NorCal sells 40 and 30 meter crystals.

73

Date: Wed, 13 Jun 2001 22:41:19 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: eleccraft@qth.net, "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [100033] Field Day idea
Message-ID: <3B28244F.FEA9562C@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was at my local club meeting on Monday. They are a QRO bunch but I like them anyway. They were discussing their field day setup and I was reading over the rules when it came to me.

7.3.8. Alternate Power: 100 bonus points

I then offered my services to earn the group the requisite 5 QSO's using my solar operated K1 and or K2.

They were appreciative. It's an easy 100 points and it gives me a chance to show these higher power guys how we do business.

Some of you folks may want to try to reach out to your local clubs and offer up 100 points to their totals. You may make a few converts to the cause as well. You can always head over to your QRP club's station and work the night shift or something.

--

+++++

T.J. "SKIP" AREY N2EI

Elecraft K2 #945 & K1 #717

Specialization is for insects! LAZARUS LONG

Date: Wed, 13 Jun 2001 22:42:55 EDT
From: Drbob92031@aol.com
To: qrp-l@lehigh.edu
Subject: [100034] Making qsl card
Message-ID: <96.159a55df.28597eaf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Del;

Forgery? Who would ever want to do that, more important why? There is no financial gain.
I made my own QSL card with the bundled software that came with my W95 and simple file card stock from Office Depot. Printer? A plain Cannon bubble jet (old). If you want to see what one looks like and what you can do for less than a penny a card and have it "your way" let me know and I'll send mine.
73/72 de WA2EAW.Bob

Date: Wed, 13 Jun 2001 22:51:06 -0400 (EDT)
From: Paul Mills <cybrinjn@gis.net>
To: qrp-l@Lehigh.EDU
Subject: [100035] Re: Crystals
Message-ID: <Pine.LNX.4.20.0106132247230.580-1000000@daystar.gis.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ocean State Electronics, <www.oselectronics.com>, has crystals for 80m - 15m. They are PR crystals in Z-9 (HC-6) package.

<---c-y-b-r-i-n-j-n-@-g-i-s-.n-e-t---<<<<<<<

On Wed, 13 Jun 2001, Bruce Muscolino wrote:

> Guy,
>
> As far as I know crystals are only available for 40 and 30 meters. The
> rest were once available but I don't think anyone keeps a stock. Some
> of the area QRP clubs may have some. NorCal sells 40 and 30 meter
> crystals.
>
> 73
>

Date: Wed, 13 Jun 2001 20:48:30 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: <mark@buttery.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100036] Re: qsl cards
Message-ID: <017601c0f47c\$7f2de490\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

----- Original Message -----
From: "Mark J. Dulcey" <mark@buttery.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, June 13, 2001 7:40 PM
Subject: Re: qsl cards

> The relevant section of the DXCC rules:
>
> Written proof (i.e., QSL cards) of two-way communication (contacts)
may
> be submitted
> directly to ARRL Headquarters for all DXCC credits claimed.
Photocopies...

I take this to mean photocopies of cards you've received submitted as proof.

If you design a card, photocopy the blank, then fill in the copies out with pen and ink...I believe you will be just fine.

73, Rod N0RC
Ft Collins, CO

SuperFest 2001 14-Jul-2001
<http://www.qsl.net/n0rc/hamfest/hamfest.html>
BE THERE!

Date: Wed, 13 Jun 2001 23:29:05 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100037] [OP] Alternative Power Event?
Message-ID: <3B282F81.3AF11068@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't know how many are aware of it, but there are several groups calling for a national voluntary blackout on the first day of summer (June 21) as a way of underscoring the need for conservation and development of alternative energy sources. The national effort is set for 7-10pm in whatever time zone one inhabits. The full details can be found on <http://www.rollyourownblackout.com>

I figure who is more supportive of alternative energy than us QRP'ers? Any interest in trying to organize an evening of battery/solar/wind/spuds/etc. operating? Pretty sure I can be on that night.

73
Ken KG4FGC

Date: Wed, 13 Jun 2001 22:48:58 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100038] RE: Field Day idea / portable suitcase
Message-ID: <01C0F45B.08EC9EA0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Yeah, that's a good use for your QRP rig. My group always operates in the

100 or 150 watt (whatever?) class but we break out a QRP rig and run off of natural power for the bonus. Last year, my Red Hot 20 picked that exact time to go haywire! But we did get the required QSOs.

The one thing I wanted to add to this idea is, do the QRP QSO's fairly early in the 'test--before the "worked 'em all: syndrome sets in. Makes it a lot easier.

Changing the subject. I'll be /KH6 for a week starting tomorrow. 25th anniversary thing. Didn't know about trying to lug radio stuff. I'd been checking out ebay for one of those cool aluminum cases like photographers use. Maybe \$35 to \$50 plus shipping for the less expensive ones. I put a ding in my brand new '706 the first time I took it to the mountain. I'll be darned if I'll let that happen again.

So anyway, a local ham said he'd found a nice case like I wanted at Lowes. So I headed out there and sure enough, a nice little aluminum suitcase (tool case). A little smaller than I'd like, maybe--it was about 17.5 by 12 by 5 inches inside. But the price was only \$12.83! Mismarked maybe? I don't know. I grabbed it up. Anyway, I cut out holes in the foam for the 706 and MFJ switching supply and my paddle and still had room for the DC cable and mini-log and mic.

So maybe you'll hear me /KH6. But don't count on it--I've just got a crummy little 20 meter dipole. My wife is worried that airport security will freak when they see all the coax and wire on the x-ray. But I'm excited about hearing the world from the Pacific.

72--Nick, WA5BDU

-----Original Message-----

From: T.J. "SKIP" Arey N2EI [SMTP:tjarey@home.com]

I then offered my services to earn the group the requisite 5 QSO's using my solar operated K1 and or K2.

They were appreciative. It's an easy 100 points and it gives me a chance to show these higher power guys how we do business.

Date: Wed, 13 Jun 2001 22:51:40 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>

To: ARDUJENSKI@aol.com, qrp-1@Lehigh.EDU
Subject: [100039] MFJ / DK9SQ Mast Comparison
Message-ID: <20010614024901.LLKE598.invictus@n8et>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Here is the text of something I posted to the 817 group a few days ago about the DK9SQ mast and the MFJ mast

I am the North American supplier of the DK9SQ mast. DK9SQ supplies me with the mast from Germany, and I do all the North American Sales except for Dayton - Walter enjoys Dayton, so he comes over each year and sells masts to pay for his trip. This year at Dayton we changed our arrangements a bit, and I will now be doing more advertizing, sales, and support here in North America. You may have noticed my ads in the major amateur radio publications the past few months.

The mast is priced at \$99. Shipping in the US is \$7 - either Priority Mail or UPS (I prefer UPS). Shipping to Canada is \$15 (via mail). Shipping to other countries is at actual cost. I can take check, MO, VISA, or MC.

I bought an MFJ mast at Dayton to see what the differences were. Below is a description of the DK9SQ mast and the MFJ mast with the differences.

Both the DK9SQ mast and the MFJ mast are the same physical size. Both have ten tapered telescoping sections which lock by friction when extended. When collapsed the masts are 46" long. The maximum diameter of the mast is 2 1/8" at the base. It is 1 3/4" dia at the top of the bottom section. The top of the top section of each mast is less than 1/8" diameter. The MFJ has an eyelet on the top - the DK9SQ mast does not. The DK9SQ mast weighs in at 3 1/4 lbs. The MFJ is 3 5/16 lbs.

The bottom 5 sections of the DK9SQ mast have metal reinforcing rings at the top of each section. The MFJ does not. The DK9SQ mast is made of black fiberglass. The MFJ mast is made of regular fiberglass and coated with a shiny black coating.

The bottom 5 sections of the DK9SQ mast have a rough surface on part of each section to make it easier to grip the mast when extending or collapsing the mast. The MFJ is entirely coated with the shiny black coating.

The DK9SQ mast comes with a cloth carrying case, the MFJ has a clear plastic carrying case.

I have not done any destructive tests to see if there is any difference, but I would guess both masts are similar in strength. Because of the shiney coating, I would guess that the MFJ mast would collapse inside itself sooner

in a wind that would work the joints loose - my opinion only - I have not had the MFJ up in a wind yet.

DK9SQ also supplies antennas that are designed to work with the mast. It appears that the size of the MFJ and the DK9SQ masts are close enough so that the antennas will also work with the MFJ mast. I have placed the center support for the loop on the MFJ, and it fits, but not as tight as on the DK8SQ mast.

These are my observations and comments. Yes - I DO have an interest in the DK9SQ mast - I sell them.

If you have questions about the DK9SQ mast or the antennas, drop me an e-mail at kanga@b... More info and pictures are on my web site at www.bright.net/~kanga/kanga/ Look in the DK9SQ section....

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Wed, 13 Jun 2001 21:34:07 -0700
From: "Glenn Maclean" <wa7spy@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100040] MH101 VFO complete and working
Message-ID: <000c01c0f48b\$3fc6d280\$11710c41@scrmnt1.ca.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I finally had a chance to get my VFO to the avionics lab at my work. I have put a couple of photos on my web site of the VFO and the oscilloscope measurements.

This is my first try at building Manhattan style. My VFO is not as neatly done as some. I am learning a great deal from building this. It was very exciting to see the little heart beat of my VFO. The test results are very similar to what Chuck is showing on his scope. Now it is on the detector and IF section,

<http://members.home.net/glennmaclean/vfo1.jpg>

<http://members.home.net/glennmaclean/vfoscope.jpg>

Glenn WA7SPY

Date: Thu, 14 Jun 2001 01:13:39 -0500 (EST)
From: <igeq100@iupui.edu>
To: QRP List <qrp-l@Lehigh.edu>
Subject: [100041] Operating in VE land
Message-ID: <Pine.GS0.3.96.1010614010903.5671A-100000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Gang -

I will be taking a vacation trip to the maritime provinces of Canada soon, and would like to do a little QRP operation - maybe even from the site of Marconi's historic demonstration. Can anyone fill me in on the legal and procedural requirements? Like, whom to notify, how to get the rig across the border, how to sign my call, etc. Any help would be appreciated.

73,
Rich, WB9LPU

Date: Thu, 14 Jun 2001 06:50:27
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: igeq100@iupui.edu, qrp-l@Lehigh.EDU
Subject: [100042] Re: Operating in VE land
Message-ID: <F174m4iZrbUMjA2QUg600001d2f@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Just take a copy of your license, no notification is needed. I've always used something like WA8BXN/VE3
73 - Mike

Can anyone fill me in on
>the legal and procedural requirements? Like, whom to notify, how to get
>the rig across the border, how to sign my call, etc. Any help would be
>appreciated.
>
> 73,

> Rich, WB9LPU
>
>

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 14 Jun 2001 07:27:33 -0700
From: "John Dorson" <JDORSON@worldshare.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [100043] RadioKit
Message-ID: <006a01c0f4de\$27a7cf80\$a37c2526@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can anyone tell me if RadioKit is still around. I want to get one of their 20 mtr qrp rigs. or would anyone out there have one in good working order that they may want to sell??

Thanks

John k2jhu...

Date: Thu, 14 Jun 2001 08:05:24 -0400
From: "Brian" <bmurrey@amexol.net>
To: <ad6we@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100044] Re: qsl cards
Message-ID: <002a01c0f4ca\$4b42e420\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Del,

I have printed my own QSL cards from day one. I use Word and a color inkjet. I like the fact that I can change the design anytime I like....I've issued "special" Groundhog Day cards, Turkey cards, Christmas Specials, etc etc

I think that ability to change at will makes them more personal.

73 de KB9BVN

----- Original Message -----

From: "Delbert Long" <ad6we@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, June 13, 2001 9:09 PM

Subject: qsl cards

> Been trying to get some qsl cards designed and read something about cards
> printed on laser printers or photocopiers not being acceptable because
they

> are too easy to forge. Any comments? Do they need to be commercially
> printed in order to be "legal?"

>

> Thanks...Del, AD6WE

>

> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com>

>

>

Date: Thu, 14 Jun 2001 05:42:33 -0700 (PDT)

From: Curt Milton <wb8yyy@yahoo.com>

To: ad6we@hotmail.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [100045] Re: qsl cards

Message-ID: <20010614124233.54101.qmail@web9607.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

I have heard same thing about laser printed cards
"being questionable" but the bigger issue might be
ease with duplicating for forging a real card. I just
got some QSL's from Swaziland and was kinda concerned
when i noticed they were homemade - so i kept the
stamped envelope as further authentication - maybe or
maybe not it will help! In my only DXCC experience
the checker spent about a minute on each card, and
being my first application 98% were garden variety!

It comes down to what role the QSL will have with the
recieipient. If you are in a common country (US,
Germany, etc.) it won't be the only card that op
receives from there!

I have used a program called QSL maker which does great with a simple printer - the only issue i have found is cutting the cards - gotta get a paper cutter!

curt wb8yyy

--- Delbert Long <ad6we@hotmail.com> wrote:
> Been trying to get some qsl cards designed and read
> something about cards
> printed on laser printers or photocopiers not being
> acceptable because they
> are too easy to forge. Any comments? Do they need
> to be commercially
> printed in order to be "legal?"
>
> Thanks...Del, AD6WE
>

> Get your FREE download of MSN Explorer at
> <http://explorer.msn.com>
>

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only \$35
a year! <http://personal.mail.yahoo.com/>

Date: Thu, 14 Jun 2001 08:43:04 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU
Subject: [100046] Re: Operating in VE land
Message-ID: <5.0.2.1.0.20010614083751.009f57a0@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:50 AM 6/14/2001 +0000, you wrote:
>Just take a copy of your license, no notification is needed. I've always
>used something like WA8BXN/VE3
>73 - Mike

Yep. Just come on over and operate. We have reciprocal operating agreements.

If you're concerned about getting questioned about your ham gear when you

GO BACK into the states, stop at US Customs before you cross into Canada, show them what you have and tell them you'll be bringing it back with you. They *might* register the items and give you some documentation that you'll be able to show as proof of ownership when you come back. Or they might tell you not worry about it.

Phil

>Can anyone fill me in on
>>the legal and procedural requirements? Like, whom to notify, how to get
>>the rig across the border, how to sign my call, etc. Any help would be
>>appreciated.

>>

>> 73,

>> Rich, WB9LPU

>>

>

>

>-----
>Get your FREE download of MSN Explorer at <http://explorer.msn.com>

>

Date: Thu, 14 Jun 2001 08:46:40 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: JDORSON@worldshare.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100047] Re: RadioKit
Message-ID: <5.0.2.1.0.20010614084443.009f8b30@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:27 AM 6/14/2001 -0700, John Dorson wrote:

>Can anyone tell me if RadioKit is still around. I want to get one of their
>20 mtr qrp rigs. or would anyone out their have one in good working order
>that they may want to sell??

I think Radiokit is long gone. Carl was planning on reactivating it under the name of Jeremy Communications. Contact Carl directly to find out the status. His e-mail is : KM1H@juno.com

Phil

>Thanks

>
>John k2jhu...

Date: Thu, 14 Jun 2001 07:50:07 -0500
From: Vance Huntsinger <vhuntsinger@iwic.net>
To: nkennedy@tcainternet.com, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [100048] RE: Field Day idea / portable suitcase
Message-ID: <4.2.0.58.20010614074836.00a04340@mail.iwic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Not packing the spud gun? <g>

Vance--WA9YDJ

At 10:48 PM 6/13/2001 -0500, Nick Kennedy wrote:
>But don't count on it--I've just got a
>crummy little 20 meter dipole. My wife is worried that airport security
>will freak when they see all the coax and wire on the x-ray.

Date: Thu, 14 Jun 2001 08:58:13 -0400
From: <brownh@hartford-hwp.com>
To: nkennedy@tcainternet.com
Cc: qrp-l@Lehigh.EDU
Subject: [100049] Re: Field Day idea / portable suitcase
Message-ID: <200106141258.f5ECwD914096@hartford-hwp.com>

Nick describes tailoring the foam in a case to suit his gear. I'm ignorant about such things, and so ask how this is done.

More specifically, where would you buy foam if you wanted to add padding? I assume rubber cement would glue it in satisfactorily. Most importantly, how is it cut neatly. For example, I've no idea how to hollow out a rectangular space to fit a particular piece of equipment. Or should one build up a proper configuration by gluing together smaller pieces?

--

Haines Brown
brownh@hartford-hwp.com

www.hartford-hwp.com
KB1GRM

Date: Thu, 14 Jun 2001 06:12:13 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100050] Re: qsl cards
Message-ID: <20010614131214.99720.qmail@web9601.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

along this line - anybody know of any great printers out there for printing 1 or 2 color cards of self design? many of the small qsl printers are out-of-business ... my last batch was by Marcum's who was good about adding stuff to his already creative cards.

anyway, my newly licensed daughter is not thrilled with the offerings of the standard vendors ...

i keep thinking someone should start a business where folk design their card at their website - then they take payment and print the cards. sounds too simple ...

curt wb8yyy

--- Bruce Muscolino <w6toy@erols.com> wrote:
> Delbert,
>
> QSL cards are not money, though they sometimes cost
> like that! There is
> no reason to have such a unique design that it can't
> be copied. For
> what it's worth, you can get samples from the card
> printers and send
> them out if you want! Stop worrying. Design your
> card as a reflection
> of your personality. Either use a laser printer, an
> ink jet, or have
> them printed by a printer, and stop worrying! BTW,
> laser printers and
> ink jets raise your cost for the cards. A printer
> is MUCH cheaper!

>
> 73

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only \$35
a year! <http://personal.mail.yahoo.com/>

Date: Thu, 14 Jun 2001 08:16:34 -0500
From: Vance Huntsinger <vhuntsinger@iwic.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100051] Re: [OP] Alternative Power Event?
Message-ID: <4.2.0.58.20010614081252.00a1a150@mail.iwic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Sounds kind of cool--a little like Straight Key Night. My batteries are
charged!

Vance--WA9YDJ

At 11:29 PM 6/13/2001 -0400, Kenneth Hoglund wrote:
>Any interest in trying to organize an evening of
>battery/solar/wind/spuds/etc. operating?

Date: Thu, 14 Jun 2001 09:20:47 -0400
From: ed.kwik@delphiauto.com
To: qrp-1@Lehigh.EDU
Subject: [100052] Lost the e-mail
Message-ID: <05256A6B.0049886C.00@notes.delphiauto.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I am sorry for this general post but I goofed and deleted an e-mail message that
I should have kept. Can the person who sent me a box full of parts to play
with, reply to this message. I got it yesterday and want to ask some questions
about its contents.

Ed AB8DF

Date: Thu, 14 Jun 2001 09:25:48 -0400
From: "Brian" <bmmurray@amexol.net>
To: <wb8yyy@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100053] Re: qsl cards
Message-ID: <002b01c0f4d5\$86d373f0\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Curt,

I use Word, and my Lexmark Z12 color inkjet printer with index card stock. Works great. I can print a multi colored card on whatever color paper I want, AND make changes to the design when I feel like it.

Look me up on QRZ and you can see my current card.

The Lexmark Z12 printer is a \$49 special from Walmart. WARNING: Color Ink for this puppy is about \$30 a cartridge...BUT I get several hundred QSL cards per cartridge since I print them 4 to a page. I think my cost is about 3 or 4 cents a card. I do have a black ink cartridge for this printer when I need to do regular text printing that I swap in and out as needed....but I do 95% of my text printing on my old HP Laserjet IIIP.

73 de KB9BVN

----- Original Message -----

From: "Curt Milton" <wb8yyy@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, June 14, 2001 9:12 AM
Subject: Re: qsl cards

> along this line - anybody know of any great printers
> out there for printing 1 or 2 color cards of self
> design? many of the small qsl printers are
> out-of-business ... my last batch was by Marcum's who
> was good about adding stuff to his already creative
> cards.
>
> anyway, my newly licensed daughter is not thrilled

> with the offerings of the standard vendors ...
>
> i keep thinking someone should start a business where
> folk design their card at their website - then they
> take payment and print the cards. sounds too simple
> ...
>
> curt wb8yyy
>
> --- Bruce Muscolino <w6toy@erols.com> wrote:
> > Delbert,
> >
> > QSL cards are not money, though they sometimes cost
> > like that! There is
> > no reason to have such a unique design that it can't
> > be copied. For
> > what it's worth, you can get samples from the card
> > printers and send
> > them out if you want! Stop worrying. Design your
> > card as a reflection
> > of your personality. Either use a laser printer, an
> > ink jet, or have
> > them printed by a printer, and stop worrying! BTW,
> > laser printers and
> > ink jets raise your cost for the cards. A printer
> > is MUCH cheaper!
> >
> > 73
>
>
>
> -----
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail - only \$35
> a year! <http://personal.mail.yahoo.com/>
>

Date: Thu, 14 Jun 2001 06:39:17 -0700
From: "Kevin Asato" <kevin.k.asato@worldnet.att.net>
To: <nkennedy@tcainternet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100054] Re: portable suitcase
Message-ID: <00d101c0f4d7\$697fc0e0\$8201a8c0@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have not had any problems of late. Everyone was more concerned about whether a computer was in the bag, not the radios, power supplies, side cutters, etc. The cables just get in the way of actually finding a computer. I just declare the contents of the bag for what they are and I am usually on my way without physically searching my bag. If they do, then it is very cursory search looking for the darn laptop!

Kevin K Asato
KC6POB
Systems Engineer
ADC PairGain Tech Support
800.638.0031 / 714.730.3222 (tel)
714.730.2400 (fax)

----- Original Message -----

From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, June 13, 2001 8:48 PM
Subject: RE: Field Day idea / portable suitcase

> So maybe you'll hear me /KH6. But don't count on it--I've just got a
> crummy little 20 meter dipole. My wife is worried that airport security
> will freak when they see all the coax and wire on the x-ray. But I'm
> excited about hearing the world from the Pacific.
>
> 72--Nick, WA5BDU

Date: Thu, 14 Jun 2001 07:40:10 -0600
From: "Conant, Paul" <paul.conant@lmco.com>
To: "Qrp-L (Post To List) (E-mail)" <qrp-l@lehigh.edu>
Subject: [100055] Suppression of Even Harmonics
Message-ID: <675067CF647BD4118DEA00508BE32AB47EAC09@emss02m09.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I picked up a couple of books that were being discarded by our technical library. One of them was called "Transmission Lines, Antennas and Wave Guides", by King, Mimno, and Wing and published in 1945. It describes using a quarter-wavelength stub to suppress even harmonics across a transmitter's

output terminals. This can be done at the terminals or anywhere along the transmission line. Since at the fundamental frequency the stub impedance is effectively infinite, it places little load on the transmitter. Even harmonics, however, are short-circuited. The book does not say how much the harmonics are attenuated. Does anyone have any experience with this technique? It seems like this could be a quick and easy way to clean up the output of a rock-bound rig like the original Tuna Tin 2. 72,

Paul, WQ5X

Date: Thu, 14 Jun 2001 09:39:28 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <mark@buttery.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100056] Re: qsl cards
Message-ID: <00bb01c0f4d7\$8ed2cea0\$4206d10a@endpoints.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Mark J. Dulcey <mark@buttery.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, June 13, 2001 9:40 PM
Subject: Re: qsl cards

> The relevant section of the DXCC rules:
>
> Written proof (i.e., QSL cards) of two-way communication
> (contacts) may be submitted directly to ARRL Headquarters
> for all DXCC credits claimed. Photocopies and electronically
> transmitted confirmations (including, but not limited to fax, telex and
> telegram) are not currently acceptable for DXCC purposes.
>
> They do not have any exclusion of laser or inkjet cards; those appear
> to be legal. Photocopies are excluded, but I think the intent is to
> prohibit the submission of copies of cards rather than originals; a
> base card reproduced on a copier, but with handwritten contact
> information, would probably be legal.
>
> eQSL cards are also currently illegal, but I have heard that the
> League is studying that issue. I expect to see some form of
> permissible electronic confirmation within a year or so, though it

> may not be the current eQSL system.

First off, I'd like to know how they can distinguish between an automated QSL card that I print with all the info 'printed' on the card, and an image of that same card (filled out) and sent to someone to print at their end. They can't.

However, if they say there must be 'some writing' on the card, THEN there could be a distinction. But if they do that, then they technically should also disqualify any cards that come in with stamped or typed info as well.

And on further reflection, I suppose they could say that any format is acceptable, as long as the contact information is NOT put on the card by the same means as the raw card is generated. Would that be a compromise? Even though it would 'put out' those that do automated QSL card printing. Maybe a 'signature' line as verification after the rest of the card is printed would cover that contingency.

As to the eQSL, that issue is beyond the discussion of QSL cards, and falls directly into the 'verification of a contact' issue. I suppose we'll all have to get secure signature certificates from the ARRL so they can be absolutely certain no one cheats.

Heck, if you want to go that far, why not set up a 'QSL verification server' on the internet, whose sole purpose is to assign coded validations to any contacts... Then you wouldn't even have to send in those contacts, just provide the reference number.

Hmm, I wonder what kind of traffic load that kind of service would have to support to a dedicated server....

Maybe that would be a good idea for another 'member service' of the league!

Mike

Date: Thu, 14 Jun 2001 06:54:07 -0700
From: Louis Hlousek <lhhousek@nvhbell.net>
To: brownh@hartford-hwp.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100057] Re: Field Day idea / portable suitcase
Message-ID: <057201c0f4d9\$7b456580\$650dfea9@nvhbell.net>
MIME-version: 1.0

Content-type: text/plain; charset="Windows-1252"
Content-transfer-encoding: 7bit

<<<tailoring the foam in a case to suit his gear. how this is
done?...where would you buy foam>>>

Try places that do upholstery, sell shipping supplies, or larger fabric
stores. In Reno NV all three have suitable foam. The denser stuff is
better, generally.

To make a rectangular space, put a 1/2" to 1" layer in the bottom of
the case. Then take a piece of foam with about the same thickness as
your item and use a very sharp chef's knife or carving knife to cut a
rectangular hole. Simply poke the knife through and use a long slicing
motion. Use very little pressure. The foam will cut easily. Top off
with another 1/2" to 1" layer of foam.

Lou W7DZN

Date: Thu, 14 Jun 2001 09:51:54 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: "'k2jq@bestweb.net'" <k2jq@bestweb.net>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [100058] RE: Wars and Capacitors
Message-ID: <078F21595FA7D411B87B00805FA728E64A4838@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

My 1970 Mercury Marquis Station Wagon with a 429 CID engine (and planed
heads) still is points and condenser!!

Jerry
W3CDE

-----Original Message-----
From: Richard Brummer, K2JQ [mailto:k2jq@bestweb.net]
Sent: Wednesday, June 13, 2001 6:53 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Wars and Capacitors

I still remember when part of an automotive tune-up was "points and

condenser."

Dick K2JQ

-----Original Message-----

From: DTX <dtx@wood.tzo.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Wednesday, June 13, 2001 4:21 PM

Subject: Re: Wars and Capacitors

>Not really, but I will still let an occasional kc slip out when talking
>about RF below 10M ;-)

>

>Gary

Date: Thu, 14 Jun 2001 09:59:37 -0400

From: "w8diz" <w8diz@fpqrp.com>

To: <fpqrp-l@fpqrp.com>, "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [100059] FDIM-2001 A Classic Event

Message-ID: <013501c0f4da\$404addb0\$7ecd1b41@cinci.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hey all you qrp'ers.....

Dan, N8IE of the infamous FPqrp Club put together this
collection of pictures and comments from various attendees.

Hope you enjoy it as much as I do.

<http://www.fpqrp.com/bbfdim01.pdf>

TNX DAN!!! for a great piece of work.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio

Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W

SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26

FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

Date: Thu, 14 Jun 2001 08:59:07 -0500
From: Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [100060] Re: qsl cards
Message-ID: <4F76B3D4A76AD111803B00A0C9893D9C06ED8DAA@cninexchsrv05>
MIME-Version: 1.0
Content-Type: text/plain

I bought a Canon 620 printer a few years back. I picked it because it had separate cartridges for each color. You never use the colors at the same rate and if you have the type that all the colors are in one cartridge you have to replace all of them when one runs dry. Seemed like a waste of ink and money. Now I only replace the empty one and can use all the ink of each color before replacing it. A package of 4 (1 each color) runs about \$30 give or take at Office Depot. I don't know if they still make it, but I'd look for one with separate ink cartridges again. I have a program I got from the QRP-ARCI web site called QSL Maker. Seems to work pretty good. If you're the least bit artistic you could design your own using any kind of graphics program. Use card stock from an office supply store, Wal Mart, Sam's, anywhere and you're in business.

73 de N9KH

Date: Thu, 14 Jun 2001 10:01:54 -0400
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <Jerry.Lofstead@itb.mckhboc.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100061] Re: Wars and Capacitors
Message-ID: <004301c0f4da\$93ee74e0\$7e03b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Too bad that 429's in a station wagon !!!

Dick K2JQ
-----Original Message-----
From: Lofstead, Jerry <Jerry.Lofstead@itb.mckhboc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, June 14, 2001 9:53 AM
Subject: RE: Wars and Capacitors

>My 1970 Mercury Marquis Station Wagon with a 429 CID engine (and planed
>heads) still is points and condenser!!

Date: Thu, 14 Jun 2001 16:03:22 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: <ad6we@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [100062] Re: qsl cards
Message-ID: <00de01c0f4da\$dd2aee40\$439001d9@ingo>

Hello Del, AD6WE,

> Been trying to get some qsl cards designed and read something about
cards
> printed on laser printers or photocopiers not being acceptable because
they
> are too easy to forge. Any comments? Do they need to be commercially
> printed in order to be "legal?"

>From where do you have this information?
Who proceeds in accordance with this procedure?

72 de Ingo, DK3RED

E-Mail: dk3red@qsl.net - Homepage: www.qsl.net/dk3red

Date: Thu, 14 Jun 2001 07:15:31 -0700 (PDT)
From: Gary Slagel <gds slagel@yahoo.com>
To: QRP L <qrp-l@Lehigh.EDU>
Subject: [100063] Any contests this weekend?
Message-ID: <20010614141531.24169.qmail@web11605.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Any QRP contests this weekend? I took a look at the
arrl page and saw nothing but thought they might have
missed something.

Taking the xyl up into the mountains for a 'wool fest'
(don't ask what that is :-)) and thought I'd sneak
off somewhere with my k2!!

Thanks for any info.
Gary

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://marina.fortunecity.com/sanpedro/351>

Do You Yahoo!?
Spot the hottest trends in music, movies, and more.
<http://buzz.yahoo.com/>

Date: Thu, 14 Jun 2001 10:07:37 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <lhhousek@nvtbell.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100064] Re: Field Day idea / portable suitcase
Message-ID: <016e01c0f4db\$f58197e0\$4206d10a@endpoints.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Wal-Mart or any store that has a crafts section should carry a selection of foam for pillows...

Mike

> <<<tailoring the foam in a case to suit his gear. how this is
> done?...where would you buy foam>>>
>
> Try places that do upholstery, sell shipping supplies, or larger fabric
> stores. In Reno NV all three have suitable foam. The denser stuff is
> better, generally.
>
> To make a rectangular space, put a 1/2" to 1" layer in the bottom of
> the case. Then take a piece of foam with about the same thickness as
> your item and use a very sharp chef's knife or carving knife to cut a
> rectangular hole. Simply poke the knife through and use a long slicing
> motion. Use very little pressure. The foam will cut easily. Top off
> with another 1/2" to 1" layer of foam.
>
> Lou W7DZN
>
>
>

Date: Thu, 14 Jun 2001 10:21:41 -0400 (EDT)
From: Frank Brickle <brickle@pobox.com>
To: Louis Hlousek <lhhousek@nvhbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100065] Re: Field Day idea / portable suitcase
Message-ID: <Pine.BSI.4.05L.10106141018450.27559-100000@pluto.njcc.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> ...use a very sharp chef's knife or carving knife to cut a
> rectangular hole. Simply poke the knife through and use a long slicing
> motion. Use very little pressure. The foam will cut easily...

To make really precise cuts, dampen and freeze the foam first, and do the surgery while still frozen.

Frank
AB2KT

Date: Thu, 14 Jun 2001 10:25:02 -0400
From: "Brian" <bmmurray@amexol.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100066] Re: FDIIM-2001 A Classic Event
Message-ID: <001501c0f4dd\$cd5f52a0\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How does Dan do it?

It's another winner!

Makes me proud to be a Flying Pig!

73

----- Original Message -----
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, June 14, 2001 9:59 AM
Subject: FDIM-2001 A Classic Event

> Hey all you qrp'ers.....
>
> Dan, N8IE of the infamous FPqrp Club put together this
> collection of pictures and comments from various attendees.
>
> Hope you enjoy it as much as I do.
>
> <http://www.fpqrp.com/bbfdim01.pdf>
>
> TNX DAN!!! for a great piece of work.
>
> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
> SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
> FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>
>
>
>

Date: Thu, 14 Jun 2001 09:27:36 -0500
From: "Joe Spencer" <kk5na@quadj.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [100067] For Sale
Message-ID: <041001c0f4de\$287be860\$6601a8c0@c1552060c>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I am selling my Heathkit HW-9 QRP station(Plus extras). I have used this radio in several Field Day operations and in many field events. This rig Works very very well!

The HW-9 is cosmetically sound...i.e. no extra holes or missing items...has a few minor scratches in the paint on the top and sides of the case.

Also included is an HM-9 Wattmeter, and a HFT-9 Antenna tuner(these two have been attached to each other by a previous owner but work ok and look good..a few scratches on each.)

Also a PSA-9 Power supply(sn8603JG) in very nice condition.

An Active Audio Filter HD-1418..with a few scratches on case.

I have manuals or copies of manuals for all except the Audio filter.

All of these in matching colors and makes one very nice Heathkit station for a collector or enthusiast.

Will sell for \$350.00 (Or Reasonable Offer) plus shipping.

I may sell some as separate items for the following prices

HW-9	\$220
HM-9	\$40
HFT-9	\$40
PSA-9	\$45
HD-1418	\$ 35

72.3

Joe KK5NA kk5na@quadj.com 817-572-2218
Vice President - QRP ARCI <http://www.qrparci.org>

Date: Thu, 14 Jun 2001 10:25:07 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: brownh@hartford-hwp.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100068] Re: Field Day idea / portable suitcase
Message-ID: <3B28C943.8921A883@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The best place to buy foam for cases is from camera stores. Try large camera stores that cater to professionals. If you want to use the web or mail order, try Porter's Camera, I know they carry it.

The foam os a special closed cell foam that will not crumble of disintegrate with use or time. It is very dense to provide the maximal protection to professional cameras, most of which cost more than a new

Yaesu FT1000MP Mark V!

The stores also sell tools for cutting the foam. Usually these are just extra long exacto blades. Cement to hold it down is not so common, professional photographers like to rearrange their cases periodically. You will also find a selection of cases, both hard aluminum, fiberglass, or soft ones, to carry your equipment.

73

Date: Thu, 14 Jun 2001 10:34:23 -0400
From: "David Porter" <aa3ur@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100069] Re: qsl cards
Message-ID: <008301c0f4df\$1bd80480\$927ba8c0@jamison1.pa.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I hate to prolong this thread, especially because this is a tangential point. No one has stated that "homebrew" qsl cards won't be counted, but there is some sentiment that commercial cards might be more valid.

It would be a shame to disallow homebrew cards. What is next, disallow qso's with homebrew rigs? In 1960 I used a multi-color Ditto stencil to produce my first qsl cards. Recently, I've been using my laser printer. I've never used commercial cards. I've received several homebrew cards since I've been re-licensed. One was completely hand drawn!

If validity of the card is the problem, then we need to get in step with the new century. The last congress passed a law conferring legal status to e-signatures. If you don't have a penned signature, why not use an e-signature. (I know, we'd have to standardize on some form of doing that....)

David Porter
aa3ur@home.com
AA3UR

Date: Thu, 14 Jun 2001 10:37:57 -0400

From: "David Porter" <aa3ur@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100070] Re: Field Day idea / portable suitcase
Message-ID: <009901c0f4df\$9b4be2e0\$927ba8c0@jamison1.pa.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you happen to still have a working electric carving knife, it is highly reputed for cutting foam.

David Porter
aa3ur@home.com
AA3UR

Date: Thu, 14 Jun 2001 10:31:41 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: paul.conant@lmco.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [100071] Re: Suppression of Even Harmonics
Message-ID: <3B28CACD.5CDE9B06@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul,

The suppression of harmonic energy is essentially infinite, but depends on the coax and its velocity factor for the frequency. You can tune a stub for a fixed frequency, which most all of the transmitters were in 11945. It won't be too effective with a VFO rig.

Now, about using it on the TT2, remember a quarter wave stub at 7 MHz is 33 feet long!

73

Date: Thu, 14 Jun 2001 10:35:58 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: wb8yyy@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [100072] Re: qsl cards

Message-ID: <3B28CBCE.1C75AC2E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The major issue with QSL cards is whether the information included on the card has been altered or forged. Inspectors look at this very carefully to see if there are any obvious attempts to alter what is written there. The card itself means nothing, only the writing. Some of my most valued cards are hand made by hams who wanted to give a little flavor to their card. It really doesn't matter whether you use a printing press, a laser copier, an inkjet, or a pencil and paper to make the card. Fill it out in INK and don't fix anything! The writing must be original!

73

Date: Thu, 14 Jun 2001 11:00:31 -0400
From: "Mike Yetzsko" <myetzsko@insydesw.com>
To: <brickle@pobox.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100073] Re: Field Day idea / portable suitcase
Message-ID: <002a01c0f4e2\$c3edc620\$4206d10a@endpoints.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've used an electric carving knife in the past to cut the squishy foam...

Mike

> > ...use a very sharp chef's knife or carving knife to cut a
> > rectangular hole. Simply poke the knife through and use a long slicing
> > motion. Use very little pressure. The foam will cut easily...
>
> To make really precise cuts, dampen and freeze the foam first, and do the
> surgery while still frozen.
>
> Frank
> AB2KT

Date: Thu, 14 Jun 2001 10:17:56 -0500
From: "Johnny (KM5IM)" <km5im@telepath.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100074] Re: qsl cards
Message-ID: <3B28D5A4.12345229@telepath.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello

QSL cards, there is so many different way to design them. Look at the stars above you there is a lot of them, there is not just one way to do a QSL card, size, shapes, colors, card stock weight 110 lb is good and others. You design your own card, its your design, know bodies else's but your own design. Just has so long as you keep the information that ARRL requires on the QSL cards. There is so many different drawing and graphic programs to use, and some work together and other don't. And some has the bells and whistles and other don't, like scanning and digital cameras. I use a lot of different drawing and graphic, photo programs. But I do use CorelDraw and Paint with other programs. There is a lot of ways to print QSL cards, Higher quality printing is any local professional printers like, four color processing and one , two color printing. Second quality is color Laser printing. Third quality is do it yourself with a good color printer at 1200 dpi or more. So have a good day, and have fun making those QSL cards. Your design, Your way.

Johnny
KM5IM

Date: Thu, 14 Jun 2001 10:15:33 -0500
From: "Joe Spencer" <kk5na@quadj.com>
To: <gdslagel@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [100075] Re: Any contests this weekend?
Message-ID: <047501c0f4e4\$db2c2c80\$6601a8c0@c1552060c>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gary,

There is:

West Virginia QSO Party (SSB/CW)

Jun 17 - 1800z to 2400z

Rules: <http://home.online.no/~janalme/htmlrules/qsowv.html>

72

Joe KK5NA kk5na@quadj.com 817-572-2218
Vice President - QRP ARCI <http://www.qrparci.org>

----- Original Message -----

From: Gary Slagel <gdslagel@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, June 14, 2001 9:15 AM
Subject: Any contests this weekend?

> Any QRP contests this weekend? I took a look at the
> arrl page and saw nothing but thought they might have
> missed something.
>
> Taking the xyl up into the mountains for a 'wool fest'
> (don't ask what that is :-) and thought I'd sneak
> off somewhere with my k2!!
>
> Thanks for any info.
> Gary
>
> =====
> Gary Slagel/N0SXX
> Conifer, CO 80433
> gdslagel@yahoo.com
> Personal Website: <http://marina.fortunecity.com/sanpedro/351>
>
> -----
> Do You Yahoo!?
> Spot the hottest trends in music, movies, and more.
> <http://buzz.yahoo.com/>

Date: Thu, 14 Jun 2001 08:16:52 -0700
From: David Shalita <davidr@cnmnetwork.com>
To: qrp-l@lehigh.edu
Subject: [100076] SSB reception and old ears
Message-ID: <3B28D564.547590E2@cnmnetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

As I bring my DRAKE Twins RX/TX station back life,
I find when receiving SSB signals, I am having GREAT difficulty with
understanding QSO details which is made worse by hiss and QRM/QRN
on weak SSB signals. Most of this is because my hearing is getting
pretty bad as I get older.

I sure would like to know what QRP folks use in way of ADD_ON gadgets
such as filters, audio processors, etc to help "old ears"
UNDERSTAND marginal SSB and CW signals.
What are you using that really works?
Who makes and cost please?

Ever hear or use a product called
CLEAR SPEECH loudspeaker, a DSP Noise Suppressing unit for \$150?
AM-COM at www.amcominc.com sells these.

Appreciate your thoughts and comments.
Thank you, 73, W6MIK, Dave

Date: Thu, 14 Jun 2001 08:21:38 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>
Subject: [100077] Balun - How to test?
Message-ID: <3B28D682.3DD3EAE7@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangues and Folks:

I just completed a few 1:1 baluns using 35 FT37-43 ferrite beads
slipped over a short length of RG-58/U for my FD effort. I wonder:

1.) How can one test this device using non sophisticated test equipment

like a calibrated signal generator, attenuators, RF power meter, scope etc.?

2.) I copied this design from a commercial version, but it used rods rather than the toroid type cores. Is the use of 35 FT37-43 toroids enough reactance for say, down to 3,5 MHz.?

I don't need very accurate results, just maybe +/- 5 DB or so. Ball park figures basically.

There are lot's of sources for the construction of these babies, but not much out there on measuring performance. What I have seen so far, uses HP vector meter etc., beyond what most any ham would have in his shack.

Thanks,
Brian K7RE

Date: Thu, 14 Jun 2001 10:25:30 -0500 (EST)
From: <igeq100@iupui.edu>
To: QRP List <qrp-l@Lehigh.edu>
Subject: [100078] Operating in VE land - thanks
Message-ID: <Pine.GS0.3.96.1010614102348.24420B-100000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My thanks to all who answered my question about operating in Canada. It is much simpler now than when I started 40-some years ago!

72/73,
Rich, WB9LPU

Date: Thu, 14 Jun 2001 10:34:01 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'w6toy@erols.com'" <w6toy@erols.com>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100079] RE: Suppression of Even Harmonics
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A49BE7@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain

Well, 33 feet long minus the velocity factor of the coax cable,

Bruce.....

Karl K - W8TIF
McKinney, Texas

P.S. I don't think we've come to the year 11945 yet... by then,
we probably won't need radio, with or without harmonics! :-)

> -----Original Message-----
> From: Bruce Muscolino [SMTP:w6toy@erols.com]
> Sent: Thursday, June 14, 2001 9:32 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Suppression of Even Harmonics
>
> Paul,
>
> The suppression of harmonic energy is essentially infinite, but depends
> on the coax and its velocity factor for the frequency. You can tune a
> stub for a fixed frequency, which most all of the transmitters were in
> 11945. It won't be too effective with a VFO rig.
>
> Now, about using it on the TT2, remember a quarter wave stub at 7 MHz is
> 33 feet long!
>
> 73

Date: Thu, 14 Jun 2001 15:44:03
From: "Leon Heller" <leon_heller@hotmail.com>
To: bkassel@dancris.com, qrp-l@Lehigh.EDU
Subject: [100080] Re: Balun - How to test?
Message-ID: <F39jXHzfAbPM1EhXTwp0000229d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

-0700
>
>Gangues and Folks:
>
> I just completed a few 1:1 baluns using 35 FT37-43 ferrite beads
>slipped over a short length of RG-58/U for my FD effort. I wonder:
>
>1.) How can one test this device using non sophisticated test equipment
>like a calibrated signal generator, attenuators, RF power meter, scope
>etc.?
>

How about connecting two of them back-to-back, with a dummy load, and a 'scope, and testing the VSWR, bandwidth, etc.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058
Email:leon_heller@hotmail.com My web page:
http://www.geocities.com/leon_heller IRISYS Ltd: <http://www.irisys.co.uk>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Thu, 14 Jun 2001 10:56:08 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>, <elecraft@qth.net>, <njqrp@njqr.org>, <qrp-1@Lehigh.EDU>
Subject: [100081] Re: [Elecraft] Field Day idea
Message-ID: <000f01c0f4ea\$86725ba0\$4e100a0a@rohredt2000>

Hi Skip,
Good Suggestion!

Heh heh, we reached out and captured the club officers and members into the idea of scoring more points overall, by having an ALL QRP entry!

GL and 72,
Stuart K5KVH

PS: Or, as some do, with multiple local clubs/ ARES group, have a combined site, but two entries, one QRP and one QRO. Our ears are better, (and Receivers like K2, so QRO on same site is not a problem.)

Date: Thu, 14 Jun 2001 08:57:47 -0700
From: Louis Hlousek <lhhousek@nvhbell.net>
To: davidr@cnmnetwork.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100082] Re: SSB reception and old ears
Message-ID: <05ea01c0f4ea\$c1f72ca0\$650dfea9@nvhbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Dave,

Check out the MFJ-616 Speech Intelligibility Enhancer reviewed in the April 2001 issue of QST. I haven't seen or used one but the review was pretty positive. The review is available on the ARRL website (if you are a member).

Lou W7DZN

Date: Thu, 14 Jun 2001 11:53:13 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [100083] Re: Suppression of Even Harmonics
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9EE7@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

It is useful at VHF, where LC filtering is tough, particularly if you don't have good models for your parts.
At 7MHz, high line losses reduce the possible attenuation, making LC filtering far superior--Zack W1VT

Date: Thu, 14 Jun 2001 09:00:45 -0700
From: Louis Hlousek <lhlousek@nvhbell.net>
To: igeq100@iupui.edu, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100084] Re: Operating in VE land - thanks
Message-ID: <05f301c0f4eb\$2bf8ee40\$650dfea9@nvhbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

You might check out the ARRL website. It has detailed info on operating in other countries under the Licensing heading. I don't believe that you need to be a member to access this info.

Lou W7DZN

Date: Thu, 14 Jun 2001 18:05:08 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>

To: <bkassel@dancris.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [100085] Re: Balun - How to test?
Message-ID: <01bb01c0f4eb\$ca7dae20\$439001d9@ingo>

Hello Brian,

> I just completed a few 1:1 baluns using 35 FT37-43 ferrite beads
> slipped over a short length of RG-58/U for my FD effort. I wonder:
>
> 1.) How can one test this device using non sophisticated test
equipment
> like a calibrated signal generator, attenuators, RF power meter, scope
> etc.?

generator/rig -> swr -> koax -> balun -> dummy/resistor(50 ohm for a 1:1
balun)

The swr will go to 1.0 if the balun is ok.

> 2.) I copied this design from a commercial version, but it used rods
> rather than the toroid type cores. Is the use of 35 FT37-43 toroids
> enough reactance for say, down to 3,5 MHz.?

You can it calculate. But test it. Same construction like up.

72 de Ingo, DK3RED

E-Mail: dk3red@qsl.net - Homepage: www.qsl.net/dk3red

Date: Thu, 14 Jun 2001 10:13:23 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: <igeq100@iupui.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100086] Re: Operating in VE land
Message-ID: <Pine.LNX.4.33.0106141010170.27085-100000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Rich....I believe there is a reciprocal(sp?) agreement in place
between Canada and the USA that means you can just cross the border with
your equipment and license and operate....before I cross to the USA, I
make sure any equipment I take across has a Canadian Customs stamp on it
so that the Canadian Customs don't get upset when I return to
Canada...have fun...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Thu, 14 Jun 2001 12:20:13 -0400
From: Tim O'Rourke <TO'Rourke@KaiserFT.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [100087] 40 Meter SSB Activity
Message-ID: <910D8E9955E3D411B3AE00A0C9319CB80C62C4@MAIL>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I was checking out a Ten Tec Argonaut t last nite on 40 SSB. Heard some one at 7.185 in a QSO mention the Argo and comparing it to a K2. Since I have both I jumped in. Soon after a hoard of others followed. {lemmings?}. I usually run CW on 40, so I was amazed by the number of QRP lurkers hanging around looking for a QSO! Most were running 1 to 5 watts on a very noisy band with static crashes every few seconds. All were heard at my QTH {NC} with a simple dipole. If I remember correctly I heard the following states represented: GA, NC|Raleigh}, VA, MA, MI, OH, IL. Pretty amazing for a casual gathering. Rigs represented, K2, 817, Ten Tec Argonaut {mine and 1 other}, 756pro at 1 watt, I later changed to my K2 when QRM got real bad, seems like there were about 2 K2's in the fray. Everyone was copying everyone else as best I remember even through the QRM from SWB, QRN and QSB. If you are on 40 do not hesitate to call CQ! Some one will hear you. Seems lower end of 40 SSB has fewer nets and SWB stations. .73 Tim O'Rourke KG4CHX

Date: Thu, 14 Jun 2001 09:25:42 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: wb8yyy@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100088] Re: qsl cards
Message-ID: <3B28E586.921D1B7C@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Curt, check out this page from the AC6V super website. There are commercial card printers listed, as well as software for doing your own. It's been a couple of years, but I believe that there was at least one vendor that made professional-quality cards from any sort of

image, including some beautiful ones made from photographs of the ham's station or the scenery at the location:

<http://ac6v.com/dealers.htm#QSL>

I used WX9X (now Star) because they featured a card that was almost exactly the same as the one I used as a new ham in 1966. Their cards seemed to be a bit more nicely done. I looked at those made by a very well-known printer, and would be reluctant to hang one on the shack wall; a nice homebrew QSL, done on a high-quality color printer, would have looked better to me.

Here's a link to Star:

<http://www.qth.com/star/>

I prefer the glossy old-style cards that are printed professionally, but that's just me. I'm not convinced that buying card stock and printing my own would be that much less expensive - haven't seen what the tri-color ink cartridge for my HP 1220 color inkjet printer costs. Not only that, but I'm totally non-artistic. However, if you plan to do much operating away from home, or want to change the design of your card periodically, homebrew is the way to go.

Anyway, good luck with whatever you decide to do.

72 de Jim - AD6CW

Curt Milton wrote:

>
> along this line - anybody know of any great printers
> out there for printing 1 or 2 color cards of self
> design? many of the small qsl printers are
> out-of-business ... my last batch was by Marcum's who
> was good about adding stuff to his already creative
> cards.
>
> anyway, my newly licensed daughter is not thrilled
> with the offerings of the standard vendors ...
>
> i keep thinking someone should start a business where
> folk design their card at their website - then they
> take payment and print the cards. sounds too simple

Date: Thu, 14 Jun 2001 10:47:00 -0600

From: "Karl B. Staddon" <ve6kbs@agt.net>
To: <igeq100@iupui.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100089] Re: Operating in VE land
Message-ID: <001501c0f4f1\$a2480b20\$b8983b8e@Staddon.ab.hsia.telus.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rich, the link below will help you with the details of operating in Canada.
<http://www.rac.ca/rcip.htm>

I suspect the link needs to be updated with respect to the 12 wpm CW requirement - it used to be that licensed Canadian amateurs needed 12 wpm for all HF bands except 160, 80 and 10 metres which only required 5 wpm - as of a month or so ago, 5 wpm gets licensed Canadian amateurs on all HF bands.

Cheers
Karl B. Staddon VE6KBS
Calgary, AB

----- Original Message -----

From: <igeq100@iupui.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, June 14, 2001 0:13 AM
Subject: Operating in VE land

> Hi, Gang -
>
> I will be taking a vacation trip to the maritime provinces of
> Canada soon, and would like to do a little QRP operation - maybe even from
> the site of Marconi's historic demonstration. Can anyone fill me in on
> the legal and procedural requirements? Like, whom to notify, how to get
> the rig across the border, how to sign my call, etc. Any help would be
> appreciated.
>
> 73,
> Rich, WB9LPU
>
>
>

Date: Thu, 14 Jun 2001 09:47:34 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>

To: dk3red@t-online.de, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100090] Re: qsl cards - authentication
Message-ID: <20010614164734.75515.qmail@web9605.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I don't think there is any authoritative word on what QSL's are accepted for DXCC ... but the card checkers do have to make their best determination that the card is indeed authentic.

I have had cards ruled out because they did not contain reference the DXCC entity. Others have "lost" cards when the originator had corrected something important - like the freq. band!

Folk in Europe, for example, might be concerned about QSL's being acceptable for USA county awards ... i don't know if these require the county to be marked on the card?

I think if someone were operating from a rare location, it would not be wise to use home-printed or hand written QSL's - nor could they logically do it if they made lots of QSO's. But I am afraid to ask DXCC in advance about my QSL's I received from Swaziland - they are obviously printed from a color ink jet that was running out of ink, and on thinner stock than I use for homebrew QSLs.

I think the bottom line is we all should have practices to authenticate our cards beyond what comes out of the printer - and note all the good QSL managers do it in some fashion - like a rubber stamp that marks onto both card and the printed label that records the QSL.

curt wb8yyy

--- Ingo DK3RED <dk3red@t-online.de> wrote:

> Hello Del, AD6WE,
>

> > Been trying to get some qsl cards designed and
> read something about
> cards
> > printed on laser printers or photocopiers not
> being acceptable because
> they
> > are too easy to forge. Any comments? Do they

> need to be commercially
> > printed in order to be "legal?"
>
> > From where do you have this information?
> Who proceeds in accordance with this procedure?
>
> 72 de Ingo, DK3RED
>
> E-Mail: dk3red@qsl.net - Homepage:
> www.qsl.net/dk3red
>
>

Do You Yahoo!?

Get personalized email addresses from Yahoo! Mail - only \$35
a year! <http://personal.mail.yahoo.com/>

Date: Thu, 14 Jun 2001 12:46:27 -0400
From: Ed Kessler <edkess@pa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: Donald Philbin <donaldphilbin@hotmail.com>, "Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>, Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>, James Skalski <jskalski@bellatlantic.net>, Jim Kortge K8IQY <jokortge@prodigy.net>, "K9ut-aol.com" <K9ut@aol.com>, Subject: [100091] Homebrew 40m xceiver finished
Message-ID: <5.0.2.1.0.20010614123119.00a180b0@mailhost.epix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For those interested . . .

I've finally finished my homebrew 40 meter transceiver that I started months ago. The receiver is based on W7ZOI's Progressive Receiver and the transmitter is a modified MFJ Cub circuit. The IF is 5.18 MHz and the VFO runs from 1.820-1.895. Power out is 1.5 Watts.

With the help of W7ZOI's computer programs I designed a 500Hz cw filter which works quite well, as well as a double tuned bandpass filter for the transmitter. Both of these circuits can be viewed on my website.

<http://www.qsl.net/aa3sj/HOME.html> (follow the link at the bottom of the page).

This was the first project that I put together on my own, i.e., putting

together a few "pet" circuits to make my own rig. It was quite rewarding and special thanks go to Wes, W7Z0I, and Mike, W3TS for helping me along with the project.

73s
Ed AA3SJ

Ed Kessler AA3SJ
950 Woodside Station Road
Millersburg, PA 17061

website: <http://www.qsl.net/aa3sj>

Date: Thu, 14 Jun 2001 11:59:00 -0500
From: "George, W5YR" <w5yr@att.net>
To: davidr@cnmnetwork.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100092] Re: SSB reception and old ears
Message-ID: <3B28ED54.21627F0E@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave, a lot of what you are hearing, despite your own problems, stems from some serious shortcomings in the design and implementation of the Twins. I have had two Drake C-Lines over the years and always thought they were pretty good radios - until I learned what the real problems are and what it takes to fix them.

Contact Tom Rausch, W8JI, at w8ji@contesting.com for further info. He probably has more and better working C-lines than anyone in the country. But, the news isn't pretty.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

David Shalita wrote:

>

> Hi,
>
> As I bring my DRAKE Twins RX/TX station back life,
> I find when receiving SSB signals, I am having GREAT difficulty with
> understanding QSO details which is made worse by hiss and QRM/QRN
> on weak SSB signals. Most of this is because my hearing is getting
> pretty bad as I get older.
>
> I sure would like to know what QRP folks use in way of ADD_ON gadgets
> such as filters, audio processors, etc to help "old ears"
> UNDERSTAND marginal SSB and CW signals.
> What are you using that really works?
> Who makes and cost please?
>
> Ever hear or use a product called
> CLEARSPREECH loudspeaker, a DSP Noise Suppressing unit for \$150?
> AM-COM at www.amcominc.com sells these.
>
> Appreciate your thoughts and comments.
> Thank you, 73, W6MIK, Dave

--

Date: Wed, 13 Jun 2001 23:52:39 -0600
From: "jdougher" <jdougher@wt.net>
To: qrp-1@lehigh.edu
Subject: [100093] Japan from /M this morning!
Message-ID: <3b28ebd7.c12d.1103527590@wt.net>

Nice commute this morning...worked JA6PA from K0C0/M. Nao
was 5W, me at 4W at 14.06 and easy 559 to 579 sigs.
Conditions must be good today.

Date: Thu, 14 Jun 2001 12:03:45 -0500
From: "George, W5YR" <w5yr@att.net>
To: paul.conant@lmco.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100094] Re: Suppression of Even Harmonics
Message-ID: <3B28EE71.3FC3B5A8@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A basic problem with such stub approaches is the comparatively low Q which

translates into broad tuning in some applications.

Why not try such a stub and evaluate the effects?

But, the stub will be around 33 ft * VP for 40 meters which is a chunk of coax to coil up in the corner somewhere. I would expect that L/C lumped circuits would be much more effective and convenient to use.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Conant, Paul" wrote:

>
> I picked up a couple of books that were being discarded by our technical
> library. One of them was called "Transmission Lines, Antennas and Wave
> Guides", by King, Mimno, and Wing and published in 1945. It describes using
> a quarter-wavelength stub to suppress even harmonics across a transmitter's
> output terminals. This can be done at the terminals or anywhere along the
> transmission line. Since at the fundamental frequency the stub impedance is
> effectively infinite, it places little load on the transmitter. Even
> harmonics, however, are short-circuited. The book does not say how much the
> harmonics are attenuated. Does anyone have any experience with this
> technique? It seems like this could be a quick and easy way to clean up the
> output of a rock-bound rig like the original Tuna Tin 2. 72,

Date: Thu, 14 Jun 2001 12:04:53 -0500
From: "Jim" <sunwatt@starband.net>
To: <qrp@yahoogroups.com>, "QRP-L" <qrp-L@Lehigh.edu>
Subject: [100095] All Asian CW contest
Message-ID: <004001c0f4f4\$2ecf29a0\$9a354794@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey, attention all milliwatters ! (And QRP'ers too) Hi

This contest could be good for bagging some new DXCC's. I found this in the Ohio/Penn DX Bulletin this week.

I'm sure there will be other rare countries in the contest also. This could be a fruitfull contest, and not very well known. So maybe some good chances

to call a rare one in the clear. If you have the chance, set your power at 750mW and have a try. If it dosnt work, try 1w, 1 1/2w, etc untill they are in your log.

72's de Jim KJ5TF

"All Milliwatts, All The Time"

HS, THAILAND. There will be plenty of Thai hams active in the All Asian CW Contest next weekend. Look for the following operators/callsigns to be active:

Yong, HS4BPQ - Single Op/21 MHz/Low Power
Choon, E20HHK - Single Op/28 MHz/Low Power
Son, HS6NDK - Single Op/14 MHz/Low Power
Nut, E20RRW - Single Op/ 7 MHz/Low Power
Champ, E21EIC - Single Op/Multi-band/Low power (Look for him
on 3524 kHz at 1930-2230z.

QSL HS6NDK via HS1CKC. QSL HS4BPQ, E20HHK, E20RRW and E21EIC via
E21EIC, address: Champ C. Muangamphun, P.O.BOX 1090, Kasetsart,
Bangkok 10903 THAILAND.

Date: Thu, 14 Jun 2001 13:16:31 -0400 (EDT)
From: Scott Galloway <scott@mcgeorgecarco.com>
To: jddougher <jddougher@wt.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100096] Re: Japan from /M this morning!
Message-ID: <Pine.LNX.3.96.1010614131430.5419B-1000000@defiant.mcgeorgecarco.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What does your mobile station consist of?

JA, QRP, Mobile sounds good.

Scott AE4TC

On Wed, 13 Jun 2001, jddougher wrote:

> Nice commute this morning...worked JA6PA from K0C0/M. Nao
> was 5W, me at 4W at 14.06 and easy 559 to 579 sigs.
> Conditions must be good today.
>

Date: Thu, 14 Jun 2001 13:25:53 -0400
From: Tom Isgro <k8cz@concentric.net>
To: w8diz <w8diz@fpqrp.com>
Cc: fpqrp-l@fpqrp.com, QRP-L <qrp-l@Lehigh.EDU>
Subject: [100097] Re: [fpqrp] FDIS-2001 A Classic Event
Message-ID: <3B28F3A0.19E1ECCC@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What a great issue Dan, what a blast. Hope to see you all there next year.

--

"Of all the things I've lost, I miss my mind the most."

72, 73 oo's
Tom K8CZ Hamilton, OH
FPqrp #-41, QRP-l 945, FISTS 2360, NORCAL 2113, ARCI 9606,
10-10 68364, SCI 1479, ARS 203, SOC 336, ARRL

<http://www.geocities.com/k8cz/qrp.html>

Date: Thu, 14 Jun 2001 10:26:32 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [100098] Re: Suppression of Even Harmonics
Message-ID: <MABBJOEABOILMKCJCLFCKEDHCIAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul

I've used the shorted stub technique to remove harmonics of a 40m cw transmitter that had been bothering a 20m cw station at our Field Day setup. As a backup, I put an open ended 40m quarter wave stub on the 20m station to prevent 40m fundamental energy from getting into the 20m receiver. Together, the 40m QRM was totally eliminated.

73, Bob N6WG

Date: Thu, 14 Jun 2001 13:29:49 -0400
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: "Tom Isgro" <k8cz@concentric.net>, "w8diz" <w8diz@fpqrp.com>
Cc: <fpqrp-l@fpqrp.com>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [100099] Re: [fpqrp] FDIM-2001 A Classic Event
Message-ID: <014801c0f4f7\$9e5f0260\$7e03b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hope to make it next year !

O-O

Dick K2JQ

-----Original Message-----

From: Tom Isgro <k8cz@concentric.net>
To: w8diz <w8diz@fpqrp.com>
Cc: fpqrp-l@fpqrp.com <fpqrp-l@fpqrp.com>; QRP-L <qrp-l@Lehigh.EDU>
Date: Thursday, June 14, 2001 1:23 PM
Subject: Re: [fpqrp] FDIM-2001 A Classic Event

>What a great issue Dan, what a blast. Hope to see you all there next
>year.

Date: Fri, 15 Jun 2001 00:41:37 +0700
From: "Martin Sole" <martinsole@compuserve.com>
To: <sunwatt@starband.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [100100] RE: All Asian CW contest
Message-ID: <000101c0f4f9\$468ca3b0\$257b92cb@tosh500>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey guys,

Look out for these boys, they are all really keen to work you. Though I

know all vaguely, Champ, E21EIC, is a good friend and world class cw op, 35-40wpm no sweat, even though still a youngster, in my book anyhow, I think he's still in school/college w.h.y. Wish I could be on but no real reciprocal deal with UK yet.
73's etc de Martin, G4UQF

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Jim

Sent: 15 June 2001 00:05

To: Low Power Amateur Radio Discussion

Subject: All Asian CW contest

Hey, attention all milliwatters ! (And QRP'ers too) Hi

This contest could be good for bagging some new DXCC's. I found this in the Ohio/Penn DX Bulletin this week.

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Nut,	E20RRW	-	Single Op/ 7 MHz/Low Power
Champ,	E21EIC	-	Single Op/Multi-band/Low power (Look for him on 3524 kHz at 1930-2230z.

QSL HS6NDK via HS1CKC. QSL HS4BPQ, E20HHK, E20RRW and E21EIC via E21EIC, address: Champ C. Muangamphun, P.O.BOX 1090, Kasetsart,

Bangkok 10903 THAILAND.

Date: Thu, 14 Jun 2001 11:47:23 -0600 (MDT)
From: "James P. Rybak" <jrybak@mesastate.edu>
To: qrp-l@lehigh.edu
Subject: [100101] Yaesu FT-817
Message-ID: <Pine.LNX.4.21.0106141145280.909-1000000@mesastate.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'd like to hear (off the list since this probably is of no interest to others) the opinions concerning the Yaesu FT-817 of some folks who have one.

Thanks.

Jim W0KSD

Date: Thu, 14 Jun 2001 17:55:46 +0000
From: Garie Halstead <k8kfj@ntelos.net>
To: Gary Slagel N0SXX <gds slagel@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100102] Re: Any contests this weekend?
Message-ID: <3B28B452.F5C0A9D7@ntelos.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Thursday, 14 June 2001, Gary Slagel wrote:

> Any QRP contests this weekend? I took a look at the
> arrl page and saw nothing but thought they might have
> missed something.

Hmmmmmm....let's see. Lemme think a minute here. Oh yes, how about....

** WEST VIRGINIA QSO PARTY 2001 **

Sponsored by the West Virginia State ARC.1800-2400 Zulu June 16, 2001.
Work stations once per band per mode. No repeater or net QSO's.

Categories: Single op
 Multi op
 Multi/Multi
 Mobile

Bands: 160m thru 2m, No WARC bands.

Modes: CW, SSB, (FM allowed on 2 and 6 meters)

Single op: no more than one signal on the air, one person operating and logging.

Multi op: no more than one signal on air, no limit on operators.

Multi/Multi: Unlimited number of signals and operators.

Mobil: Score 3 points for each contact regardless of mode, work stations once per mode, per county. Keep separate log for each county.

Bonus Points: work W8WVA once per band per mode and receive 50 points for each contact (to be added to final score).

WV stations send RST and county, others send RST and State/Province/or DXCC country. Suggested frequencies, CW 1.810 and 35 kHz up; phone 35 kHz up in the general sub band. Novice portions of 10M. No WARC bands. Score 2 points CW, 1 point phone QSOs. Work mobile stations once for 3 point qso credit and as multiplier credit there after. Final score is QSO pts x WV counties (max 55). WV stations use WV counties, states, provinces, and DXCC countries for multipliers. Add bonus points to final score.

Log submission: Send all logs no later than July 20, 2001.

Oliver Rinehart-WD8V 1256 Ridge Dr. South Charleston, WV 25309

Electronic logs are accepted at E-mail address:

wd8v@arrl.net

An E-mail conformation will be sent to all entrants who send electronic logs.

Awards: plaques to the high scores in each category in and out of state. Certificates of appreciation will be sent to all that submit a SASE.

It's true, the WVQP didn't make it into QST this month (an obvious

communication problem somewhere along the way). Oh well, stuff happens, right?

No QRP category as yet but several of us are working on it getting implemented in the rules for next year. Hopefully, this will be the last year I'll be QRO in the WVQP but welcome all QRP callers.

72 //Gary *K8KFJ*
West Virginia

Date: Thu, 14 Jun 2001 13:53:27 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100103] Re: Suppression of Even Harmonics
Message-ID: <3B28FA17.A7875413@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl,

Unless the velocity factor in 0.00001 I think the whole assembly would be rather unwieldy. Altering the filter for better cutoff works as well or better!

73

Date: Thu, 14 Jun 2001 15:03:18 -0400
From: "ZOOM" <kandrparker@sympatico.ca>
To: <davidr@cnmnetwork.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100104] Re: SSB reception and old ears
Message-ID: <004701c0f504\$acbe4980\$3294fea9@robertpa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check out MFJ. They have just the ticket your looking for.
Here is the link:
<http://www.mfjenterprises.com/products.php?prodid=MFJ-616>

Cheers,
Robert
VE3RPF

----- Original Message -----

From: "David Shalita" <davidr@cnmnetwork.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, June 14, 2001 11:16 AM
Subject: SSB reception and old ears

> Hi,
>
> As I bring my DRAKE Twins RX/TX station back life,
> I find when receiving SSB signals, I am having GREAT difficulty with
> understanding QSO details which is made worse by hiss and QRM/QRN
> on weak SSB signals. Most of this is because my hearing is getting
> pretty bad as I get older.
>
> I sure would like to know what QRP folks use in way of ADD_ON gadgets
> such as filters, audio processors, etc to help "old ears"
> UNDERSTAND marginal SSB and CW signals.
> What are you using that really works?
> Who makes and cost please?
>
> Ever hear or use a product called
> CLEARSPREECH loudspeaker, a DSP Noise Suppressing unit for \$150?
> AM-COM at www.amcominc.com sells these.
>
> Appreciate your thoughts and comments.
> Thank you, 73, W6MIK, Dave

Date: Thu, 14 Jun 2001 14:21:40 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:wb8yyy@yahoo.com" <wb8yyy@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Subject: [100105] Re: qsl cards - authentication
Message-ID: <200106141421_MC3-D5E1-886A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Curt and Gang:

Well here is one way to authenticate your QSL cards, following a pattern learned from some DX QSL managers. I went to the local office supply store and had a special hand stamp made. This is a small round stamp with the words "Confirmation K0EVZ QSL" in a circle about 1.5" across. After filling in the QSO information or perhaps using a computer printed label, I complete the process by stamping each card. =

72,
--Doc/K0EVZ

Date: Thu, 14 Jun 2001 13:24:41 -0500
From: "Jim" <sunwatt@starband.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>, "Martin Sole" <martinsole@compuserve.com>
Cc: <qrp@yahoogroups.com>
Subject: [100106] Re: All Asian CW contest
Message-ID: <005601c0f4ff\$4eb386c0\$9a354794@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll be looking for Yong, HS4BPQ, and Choon, E20HHK, who will be on 10-15M. Now 28mHz has been in and out, but I think we can count on 15M. Here in mid-America 15M was awesome in the CQ WPX a few weeks ago.

I'll have my 10/15M 2 el quad on the short path to Thailand!

Might have a chance with my 20M half square, and will try with my new 40M vertical, with its raised radials. You never know, it could happen.

I'll be watching the DX cluster via the VE3SUN DX Monitor.
Free download. <http://www.benlo.com/dxmon.html>

Have fun, and good luck to all

de Jim KJ5TF

----- Original Message -----
From: "Martin Sole" <martinsole@compuserve.com>

To: <sunwatt@starband.net>; "'Low Power Amateur Radio Discussion'"
<qrp-1@Lehigh.EDU>
Sent: Thursday, June 14, 2001 12:41 PM
Subject: RE: All Asian CW contest

>
> Hey guys,
> Look out for these boys, they are all really keen to work you. Though I
> know all vaguely, Champ, E21EIC, is a good friend and world class cw
> op,35-40wpm no sweat, even though still a youngster, in my book anyhow,
> I think he's still in school/college w.h.y. Wish I could be on but no
> real reciprocal deal with UK yet.
> 73's etc de Martin, G4UQF
>
>
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
> Of Jim
> Sent: 15 June 2001 00:05
> To: Low Power Amateur Radio Discussion
> Subject: All Asian CW contest
>
>
> Hey, attention all milliwatters ! (And QRP'ers too) Hi
>
> This contest could be good for bagging some new DXCC's. I found this in
> the
> Ohio/Penn DX Bulletin this week.
>
> I'm sure there will be other rare countries in the contest also. This
> could
> be a fruitfull contest, and not very well known. So maybe some good
> chances
> to call a rare one in the clear. If you have the chance, set your power
> at
> 750mW and have a try. If it dosnt work, try 1w, 1 1/2w, etc untill they
> are
> in your log.
>
> 72's de Jim KJ5TF
> "All Milliwatts, All The Time"
> -----
> ----
> -----
> HS, THAILAND. There will be plenty of Thai hams active in the All Asian
> CW Contest next weekend. Look for the following operators/callsigns to
> be

> active:
> Yong, HS4BPQ - Single Op/21 MHz/Low Power
> Choon, E20HHK - Single Op/28 MHz/Low Power
> Son, HS6NDK - Single Op/14 MHz/Low Power
> Nut, E20RRW - Single Op/ 7 MHz/Low Power
> Champ, E21EIC - Single Op/Multi-band/Low power (Look for him
> on 3524 kHz at 1930-2230z.
> QSL HS6NDK via HS1CKC. QSL HS4BPQ, E20HHK, E20RRW and E21EIC via
> E21EIC, address: Champ C. Muangamphun, P.O.BOX 1090, Kasetsart,
> Bangkok 10903 THAILAND.
>

Date: Thu, 14 Jun 2001 20:27:11 +0200
From: "Stephane Collas" <Stephane.Collas@wanadoo.fr>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100107] FT 847...
Message-ID: <009501c0f4ff\$a2a2a5e0\$ebc8fcc1@LTP011520>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I am wondering if I must to purchase a FT 847 or another one else ?

The goal is to operate with Cadum Nickel pack, and random length of wire in the trees.

Especially, located on sea, during vacations.

73's de Steph, F5NZY
<http://www.qsl.net/f5nzy>
(CW - QRP Stuff - Keyers)

Date: Thu, 14 Jun 2001 15:00:18 -0400
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [100108] CW keyer and key FS
Message-ID: <038401c0f504\$41e25480\$4f91d4d1@toshiba>

For Sale:

MFJ 401 D "Econo Keyer II"

Can be used as a full keyer, or semi-automatic (like a bug). Use it from external 12 V DC or its internal battery. Sidetone built in. Nice small, compact unit, that looks just like new. \$ 40

TenTec KR-50 keyer, with built in paddles. Iambic, with dit and dah memories, if desired (they can be turned on or off). Built in Iambic paddles with magnetic touch adjustment (adjust pot on back to set current to electromagnet), sidetone, 12 V DC or 110 V AC power, and reed relay output to key most any rig. \$ 60

Brass colored CW key.

Generic CW key, with shorting switch.

"Made in Japan" \$ 15

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson

E-Mail to W8EK@fdt.net or W8EK@usa.net

Voice Phone (352) 732-8400

Date: Thu, 14 Jun 2001 15:27:34 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Cc: antennas@qth.edu
Subject: [100109] Re WA2HOQ antennas :(
Message-ID: <71.e5b5be4.285a6a26@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Sory for the delay gang.
Want to thank everyone who responded.
It looks like i'm going to go with the window mount mobile whip.
The short whip seems to hear just as well as the 100 ft. long wire.
The bands are very funny right now and I have a lot of qsb here so i'm
waiting for conditions to improve.
Thanks again for all the advice,tip, and suggestions
Bob
WA2HOQrp <tm>

Date: Thu, 14 Jun 2001 15:46:25 EDT
From: NM5Mike@aol.com
To: qrp-l@lehigh.edu
Subject: [100110] JA6PA QRP QSOS
Message-ID: <d0.171cbcb6.285a6e91@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I worked JA6PA in a 2 way qrp qso on 20 meters about 4 months ago and
yesterday was surprised to find his QSL card in a mailing from the W5 bureau
giving me 46 countries confirmed QRP.

JA6PA is quite active around 14.060 and hears very well! Best of all if you
are chasing "wallpaper" it is easy to get his QSL.

73,

Eric NM5M

Date: Thu, 14 Jun 2001 12:34:34 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [100111] Re: Field Day idea / portable suitcase
Message-ID: <002901c0f509\$2f848a60\$6e127d3f@dell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To make really good cuts in foam, use an old electric knife, if you have or can find one. Garage sales are a good source.

Bob NK7M

Date: Thu, 14 Jun 2001 14:52:30 -0500
From: "George, W5YR" <w5yr@att.net>
To: nk7m@extremezone.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100112] Re: Field Day idea / portable suitcase
Message-ID: <3B2915FE.200DB790@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One more:

I have found that a common bread slicing knife - the kind with the semi-circular thingies on the sharp edge - works best for me in carving foam rubber.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Bob Hightower wrote:

>
> To make really good cuts in foam, use an old electric knife, if you have or
> can find one. Garage sales are a good source.
>
> Bob NK7M

Date: Thu, 14 Jun 2001 15:56:40 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Stephane Collas <Stephane.Collas@wanadoo.fr>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100113] Re: FT 847...
Message-ID: <Pine.LNX.4.30.0106141556280.12289-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Do you mean the 817? The 847 is quite large.

On Thu, 14 Jun 2001, Stephane Collas wrote:

> Hi Gang,
>
> I am wondering if I must to purchase a FT 847 or another one else ?
>
> The goal is to operate with Cadium Nickel pack, and random length of wire in
> the trees.
>
> Especially, located on sea, during vacations.
>
> 73's de Steph, F5NZY
> <http://www.qsl.net/f5nzy>
> (CW - QRP Stuff - Keyers)
>

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Thu, 14 Jun 2001 16:09:24 EDT
From: RLemmel@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [100114] Re: Balun - How to test?
Message-ID: <b0.15f5252a.285a73f4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Brian,

Maxwell, W2DU in "Reflections II" recommends 50 no. 73 beads
over RG-303 cable for a useful 1.8-30 mhz current balun. For 30-200 mhz he
suggests 25 no. 43 beads.

He also show a test setup to prove current balance. The balun is connected
to a one foot square aluminum plate. Then input end has the shield grounded
to the plate. The output end is connected to the plate thru two unequal
resistors (one thru center and one by shield). RF is applied to the input

and the rf voltages are measured across the two resistors with an rf voltmeter. The resultant voltages should be directly proportional to the resistor values. This shows by Ohm's law that equal currents are being forced through each resistor. His example uses a 100 and 50 ohm values. I assume that a very accurate rf voltmeter is not a necessity to this experiment as we are only concerned with ratios. A simple homebrew rf probe should work and a QRP rig should be able to supply the rf.

Hope this helps.

72 - Randy W9N

Date: Thu, 14 Jun 2001 20:20:23 -0000
From: "Delbert Long" <ad6we@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [100115] Regarding my QSL question
Message-ID: <F219GMVS3HUIW1sEfs0000f5a8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I asked the question about laser or inkjet QSLs after reading in the July 2001 issue of WORLD RADIO (Page 31 - third column)there are NO plans to accept laser or ink jet printed QSL cards for ARRL awards. It's too easy to forge them. (end of quote.)

Got a lot of nice replies and it looks as if I started quite a thread!

72, 73...Del, AD6WE

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 14 Jun 2001 20:26:58 +0100
From: Larry Cahoon <lejek@erols.com>
To: ad6we@hotmail.com, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [100116] Re: QSL cards
Message-ID: <5.0.2.1.0.20010614201534.009f5b70@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

My solution with QSL cards is twofold.

First for special occasions I home brew my own. There are some examples up at my web site. They are all done in Word and printed on yellow card stock

one at a time. I have to trim about a half an inch off two sides of the card when done to get them down to the standard US size card. I print up so few of these for any one event (Flight of the Bumblebee, FYBO, vacations, and the like) that it is not worth it to have cards printed for those events. Yet it is still nice to have a special card.

For most of my QSLs I use cards printed by W4MPY, who has been real good helping me to get what I wanted on the card. The last time we went through three or four iterations before it printed the cards. One nice feature I had him put on it was a set of check boxes to cover the kinds of activities I do. There is a check box for each of the following:

Fixed

Mobile

Portable

QRP - pwr:

QTH:

That way I can indicate how I was operating for each QSL and if I'm running QRP I have a place to put the power level. If I'm not I home I check the QTH item and write in where I am. That is usually the county I operated from, but I have used other things as well.

Other things I have on the cards are a few awards, the 10-X number, the ARCI number, my full six character grid locator, and my county.

As a county hunter it is always a pain to get back a card without the county noted. But even worst than that I've gotten cards back with no better location indicated than that they were in the US. That one was from a DX station visiting the states. So perhaps I can forgive him. I did get a card back from a QRP station in NC once that didn't give the location any better than the state.

73 de Larry.....WD3P in FM18or
<http://www.qsl.net/wd3p/>

Date: Thu, 14 Jun 2001 20:47:13 +0100
From: Larry Cahoon <lejek@erols.com>
To: wb8yyy@yahoo.com, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [100117] Re: qsl cards - authentication
Message-ID: <5.0.2.1.0.20010614204045.009ee130@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>
>Folk in Europe, for example, might be concerned about

>QSL's being acceptable for USA county awards ... i
>don't know if these require the county to be marked on
>the card?

The USA county award does not have to have the county on it, but you do need to be able to identify the county. Sometime Zip code is good enough. If the zip code crosses a county line then it does not work. When in doubt you can use the address on the card and figure out where it is from one of the mapping programs - that is unless the guy only has a PO address with a zip code.

For the basic award you can have two hams check them and sign off. Then you will only be asked to send a few cards to the official USA-CA custodian for checking. So the standards are highly dependent on who does the checking. By far the easiest solution is just to use cards that have the county marked on them.

After the basic award no one checks cards - you don't even need to collect the cards if you work the counties a second time, or go after one of their more specialized awards.

73 de Larry.....WD3P in MD
USA-CA #913
<http://www.qsl.net/wd3p/>

Date: Thu, 14 Jun 2001 16:59:00 -0400
From: "Howard Kraus" <K2UD@adelphia.net>
To: <gdslagel@yahoo.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [100118] Re: Any contests this weekend?
Message-ID: <001f01c0f514\$d8e7e100\$c7613018@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There is the SMIRK 6M QSO party sometime this weekend. It did show up on the League's website yesterday.

This time of year, 6 should prove to be hot, just as the WX will be this weekend. Good time to go 6M QRP solar powered!

72

Howard Kraus, K2UD

Date: Thu, 14 Jun 2001 17:12:09 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: "Appalachian Trail Award" <ATRAIL-L@Lehigh.EDU>, ". QRP-L" <qrp-l@Lehigh.EDU>,
". NJ QRP-L" <njqrp@njqrp.org>,
". Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [100119] Appalachian Trail Hike in PA
Message-ID: <002e01c0f516\$ad3214c0\$7d0d5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Well Ed, WA3WSJ and I, WB3AAL will be heading out on the AT on Friday morning, June 15, 16 & 17, 2001. This is our second leg of hiking the 220 miles of the AT in PA. This trip will be 20.8 miles from Wind Gap to Palmerton, PA.

We should be on the bands near the QRP frequencies sometime Friday evening. We will make some contacts on Saturday morning and evening. Not sure about Sunday QSO's, but if we do it will be in the early morning.

This will be another tough hike since we have to haul our water with us. Ed will have his K1 and I will have my K2.

So if you hear us, please stop and say hello. Then if you could post us on any of the lists, it would be appreciated.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1 ARRL Life Member
KL7 QRP # 309 G-QRP # 3031

ARCI QRP # 5318 10 - X #13173
NorCal BB #35 N3EPA
ARS # 380 HI QRP #153
VA QRP Society #45 MI QRP #1703
K2 sn1392 NJ QRP #179

Date: Thu, 14 Jun 2001 23:22:55 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: <NM5Mike@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [100120] Re: JA6PA QRP QSOS
Message-ID: <004301c0f518\$30f114e0\$bc9101d9@ingo>

Hello Eric,

> I worked JA6PA in a 2 way qrp qso on 20 meters about 4 months ago and
> yesterday was surprised to find his QSL card in a mailing from the W5
bureau
> giving me 46 countries confirmed QRP.
>
> JA6PA is quite active around 14.060 and hears very well! Best of all
if you
> are chasing "wallpaper" it is easy to get his QSL.

Yes, NAO (JA6PA) is a good address for QRP QSL cards. I operated him
from ZL on 3 bands. 2 weeks later I had a letter with his QSL cards and
a few pictures from the shack in the box.

72 de Ingo, DK3RED

E-Mail: dk3red@qsl.net - Homepage: www.qsl.net/dk3red

Date: Thu, 14 Jun 2001 14:34:25 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>, Bob Hightower
<nk7m@extremezone.com>
Subject: [100121] JunkBoxWars! - What You Need To Bring
Message-ID: <3B292DE1.1261AE6B@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I have received several requests from people who want to know what to bring to the Ft. Tuthill Hamfest in order to participate in the JunkBoxWars! competition. Well, again here are the basic rules for the contest. A full handout, with each of the 10 projects listed, will be provided to all who wish to participate.

Remember, EVERYONE who enters will receive a prize. The top project builder's prizes will be fancier, of course, than the other participants' prizes.

Purpose:

To demonstrate scratch building and the Manhattan style of project construction.

Parts and schematics will be provided in order for the contest entrants to complete any 1 of the 10 provided projects. However, EXACT value parts will not be provided in many cases. It will be up to the builder to kludge parts values to make their project work properly. E.G.: resistors and capacitors may have to be placed in series or Parallel. Even then, the EXACT value may not be obtainable per the provided schematic, but the value obtained will be satisfactory for proper operation of the chosen circuit. Builders may also obtain any parts desired from the flea market areas. The builder may also elect to use their own design, but the project MUST work reasonable close to the intended parameters.

All projects should be built to fit inside the provided "International Coffee" tins. Coincidentally, these same boards will sit into the standard "Altoids" tin as well, but these tins are not provided.

Soldering equipment, sized blank PC boards, PC islands, tools, and DVM's will be provided for each contestant to use for the event.

The completed projects will be judged Saturday evening at the Cookout based on performance, ingenuity in selecting components from the Junkbox, and appearance. Bribery will also be considered. Everyone who participates will receive a prize.

What you need to bring:

Any books, documents or manuals that you feel that you will need.

Any tools that you think that you will need - PUT YOUR NAME ON THEM.

1 or 2 9 volt batteries.

Glue that you prefer to use to attach the pads to the ground plane board.

Clip leads, and any test equipment that you may want to use, or share with other participants.

Remember, 10 DVM's, soldering irons, and cutters will be provided by us. If you feel that you need more, feel free to bring it.

Responsibility for these items though are yours and yours only.

And remember, if you want it returned - PUT YOUR NAME ON EVERYTHING!

I can guarantee that you WILL have fun.

Brian K7RE

Date: Thu, 14 Jun 2001 14:47:22 -0700
From: Louis Hlousek <lhhousek@nvhbell.net>
To: QRP-L list <qrp-l@Lehigh.EDU>, Elecraft-list <elecraft@qth.net>
Subject: [100122] Case lust
Message-ID: <06de01c0f51b\$9b377940\$650dfea9@nvhbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="Windows-1252"
Content-transfer-encoding: 7bit

There are lots of types of secure cases available. Check www.pelican.com for their type and also www.jensentools.com for that and lots of other types. Most are over \$100 but may well be worth it if you are going to let other people handle your gear (checked baggage etc.) It is also possible to get custom cases built to the Air Transport Association (ATA) standards from many companies. Search on ATA Cases.

For my purposes I use a padded nylon notebook computer briefcase for my K2 and kit.

Lou W7DZN

Date: Thu, 14 Jun 2001 15:07:00 -0700
From: Beth Gardner / Dan Maguire <BethDan@pacbell.net>

To: qrp-1@Lehigh.EDU
Subject: [100123] Online cable loss calculators
Message-ID: <3B293584.4801@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

The web site for the XLZIZL software package has been updated to include a list of all the transmission line types that are built-in to the package. While I was at it I coded up a little cable loss calculator which may be of interest to some folks even if you have not downloaded XLZIZL. I also included a list of links to various manufacturer's web sites for more information, including the page for the Times Microwave online calculator.

All found in the latest addition to
<http://www.qsl.net/ac6la/>

73,
Dan AC6LA

Date: Thu, 14 Jun 2001 17:23:21 -0500
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-1@lehigh.edu
Subject: [100124] More ideas on alternative power event
Message-ID: <3.0.2.32.20010614172321.006b8cc0@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all,

Perhaps you can pack your QRP gear and travel to the 2001 Renewable Energy and Sustainable Living Fair June 22-24 at the Portage Co. Fairgrounds in Amherst, WI... Learn more about wind, PV, who knows what else, and enjoy QRP at the same time!

This is a well-known event (well at least in WI) put on yearly by the Midwest Renewable Energy Assoc. Check it out at www.the-mrea.org and click on "Energy Fair".

72, Paul WA9PWP

Paul Goemans WA9PWP
1508 Sundt Lane
Stoughton, Wi 53589

wa9pwp@arrl.net

Date: Thu, 14 Jun 2001 18:17:45 -0400
From: "Tom Dooley" <tdooley@atl.mediaone.net>
To: <brownh@hartford-hwp.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100125] Re: Field Day idea / portable suitcase
Message-ID: <040301c0f51f\$d7252160\$200d3842@atl.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have used an electric knife for cutting the size of holes that I need. It works great! Turn it on, push it into the foam at a corner and go cutting along. I will warn you that the spousal unit will immediately go buy a new electric knife, if she catches you doing this. I speak from experience! 8-(At least I have a dedicated foam cutting tool.

For the proper depth, you can cut the outline of the item to the proper depth and then pull up the piece that you need to cut off. Just remove the foam from the container and that allows you to get the side pieces of foam that you want left in place out of the way.

I buy blocks of foam from a sewing shop, or a place that sells pillows.

Good luck es 72!

de K4TJD
Tom

----- Original Message -----
From: <brownh@hartford-hwp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, June 14, 2001 8:58 AM
Subject: Re: Field Day idea / portable suitcase

Nick describes tailoring the foam in a case to suit his gear. I'm ignorant about such things, and so ask how this is done.

More specifically, where would you buy foam if you wanted to add padding? I assume rubber cement would glue it in satisfactorily. Most importantly, how is it cut neatly. For example, I've no idea how to hollow out a rectangular space to fit a particular piece of equipment. Or should one built up a proper configuration by gluing together smaller pieces?

--

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End of QRP-L Digest 2220
